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ANNUAL CATALOG

OF THE

Mississippi Agricultural and Mechanical College

ANNOUNCEMENTS
1920-1921

AGRICULTURAL COLLEGE, MISSISSIPPI

BULLETIN

OF THE

Mississippi Agricultural and Mechanical College

FORTIETH ANNUAL CATALOG
1919-1920

ANNOUNCEMENTS
1920-1921

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CALENDAR FOR 1920-1921

1920.

Entrance and Advanced Standing Examinations	September 20
Fall Quarter begins	September 21
Matriculation and Registration	September 21-22
Recitations begin	September 23
Board due	October 4
Board due	November 1
Thanksgiving Holiday	November 25
Board due	December 6
Examinations, Fall Quarter	December 15, 16, 17
Christmas Holidays begin	December 17 (5 p. m.)

1921.

Christmas Holidays end	January 3 (8 p. m.)
Board due	January 3
Board due	February 1
Washington's Birthday (Holiday)	February 22
Board due	March 1
State High School Basket Ball Tournament	March 11, 12
Examinations, Winter Quarter	March 17, 18, 19
Spring Quarter begins	March 21
Board due	April 4
University Debate	April 22
A. & M. College State High School Meet	April 22, 23
Board due	May 2
Commencement Sermon	May 29
Annual Address and Delivery of Diplomas	May 30
Examinations, Spring Quarter	May 31, June 1, 2, 3

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Simpson—C. D. Coleman	Mendenhall.
Smith—	Raleigh.
Stone—E. M. Graham	Wiggins.
Sunflower—S. M. Yeates	Moorehead.
Tallahatchie—M. E. Miller	Charleston.
Tate—F. A. Rew	Senatobia.
Tippah—W. T. Pollard	Ripley.
Tishomingo—T. O. Tate	Iuka.
Tunica—	Tunica.
Union—W. C. Mims	New Albany.
Walthall—	Tylertown.
Warren—W. R. Lominick	Vicksburg.
Washington—R. W. McKee, Jr.	Greenville.
Wayne—J. F. Scoggin	Waynesboro.
Webster—W. L. McBride	Eupora.
Wilkinson—C. C. Greer	Woodville.
Winston—R. P. White	Louisville.
Yalobusha—A. G. Hamilton	Coffeeville.
Yazoo—J. S. McKewen	Yazoo City.

Negro Agents:

M. M. HUBERT, District Agent, Jackson, Miss.
C. H. WILKES, Assistant Boys' Club Agent, Jackson, Miss.

Local Negro Agents:

Amite—A. D. Huff	Gloster.
Bolivar—A. N. Snoden	Symonds.
Coahoma—W. H. Toler	Clarksdale.

Grenada—A. H. Henderson	Grenada.
Jefferson Davis—C. E. Johnson	Prentiss.
Lincoln—J. R. Jackson	Brookhaven.
Madison—S. C. Smith	Madison Station.
Panola—S. D. Ross	Sardis.
Pike—T. M. Moman	Magnolia.
Sunflower—David Capshaw	Indianola.
Washington—W. E. Smith	Arcola.

HOME ECONOMICS DIVISION.

(In Active Service January 1, 1920.)

R. S. WILSON, Director of Extension.

MISS SUSIE V. POWELL, Assistant Director in Charge of Home Demonstration Work.

MISS LULA TUNISON, Assistant State Agent in Charge of Girls' Clubs.

MISS MARY E. JOHNSTON, Assistant in Charge Canning Clubs.

MISS AGNES DONALDSON, Dairy Specialist.

MISS M. ESTHER ROGERS, Assistant State Agent in Charge Foods and Cookery.

MISS VICTORIA HILL, Assistant State Agent in Charge Household Art.

MRS. DELLA B. ALLEY, District Agent, Delta Section Agricultural College, Miss.

MRS. M. S. DODDS, District Agent, Southwest District, Jackson.

MRS. MAGGIE I. NOEL, District Agent, Southeast District, Jackson.

MISS SEE RICE, District Agent, Northeast District, Agricultural College, Miss.

MISS EDNA WADDELL, Stenographer.

MISS NANNIE RANDLE, Stenographer.

MISS GRACE STAFFORD, Stenographer.

MISS JUANITA ROGERS, Stenographer.

MISS ZUE MILLER BURNEY, Stenographer.

County Home Demonstration Agents.

Adams—Miss Lucile DeRussy	Natchez.
Alcorn	Corinth.
Amite—Miss Vertie Porter	Liberty.
Attala—Mrs. Lilla Fisackerly	Kosciusko.
Benton—	Ashland.
Bolivar—Miss Saidee Holliday	Cleveland.
Calhoun—	Pittsboro.
Carroll—	Valley Hill.
Chickasaw—	Okolona.
Choctaw—	Ackerman.

Claiborne—Miss Mary D. Allen	Port Gibson.
Clarke—	Quitman.
Clay—Miss Nellie May Wells	Pheba.
Coahoma—	Clarksdale.
Copiah—Miss Olive Alexander	Hazelhurst.
Covington—	Collins.
DeSoto—	Hernando.
Forrest—Miss Katherine Staley	Hattiesburg.
Franklin—	Brookhaven.
George—Mrs. Bessie Parker	Lucedale.
Greene—Miss Dixie May	Leakesville.
Grenada—Miss Emma Consert	Grenada.
Hancock—Miss Sallie Cirlot	Bay St. Louis.
Harrison—Miss Anna Belle Anderson	Gulfport.
Hinds—Mrs. J. T. Calhoun	Jackson.
Holmes—Miss Vivan Fisackerly	Lexington.
Humphreys—	Belzoni.
Issaquena—	Mayersville.
Itawamba—Miss Mattie Craig	Fulton.
Jackson—Miss Carrie Cook	Pascagoula.
Jasper—Miss Lula Steinwinder	Bay Springs.
Jefferson—Miss Melissa Johnson	Fayette.
Jefferson Davis—	Prentiss.
Jones—Miss Kate Hall	Ellisville.
Kemper—	DeKalb.
Lafayette—Miss Mary E. Doney	Oxford.
Lamar—	Purvis.
Lauderdale—Miss Ida Robertson	Meridian.
Lawrence—	Monticello.
Leake—	Carthage.
Lee—Miss Lena Bolt	Tupelo.
Lincoln—	Brookhaven.
Lowndes—	Columbus.
Madison—Miss Maree Miller	Canton.
Marion—Mrs. Lula Holmes	Columbia.
Marshall—Miss Katye Patridge	Holly Springs.
Monroe—	Amory.
Montgomery—	Winona.
Neshoba—Miss Bobbie Jasper	Philadelphia.
Newton—Miss Mary Knight	Decatur.
Noxubee—	Brooksville.
Oktibbeha—Miss Evangeline Ashbaugh	Starkville.
Panola—Mrs. Allee Barnes	Sardis.
Pearl River—Miss Pauline Quarles	Poplarville.
Perry	New Augusta.
Pike—	Magnolia.
Pontotoc—	Pontotoc.

Prentiss .... Booneville.
Quitman—Mrs. O. M. Prater .... Lambert.
Rankin— .... Florence.
Scott—Miss May Haddon .... Forest.
Sharkey—Mrs. Lula Dilworth .... Rolling Fork.
Simpson— .... Mendenhall.
Smith— .... Raliegh.
Stone—Mrs. Martha Parker .... Wiggins.
Sunflower—Miss Lyda Stuart .... Indianola.
Tallahatchie—Miss Katherine Lawless .... Charleston.
Tate—Miss Lillie High .... Senatobia.
Tippah—Miss Sarah Craig .... Ripley.
Tishomingo— .... Iuka.
Tunica—Miss Minnie Joseph .... Tunica.
Union—Mrs. H. B. Wiseman .... Cotton Plant.
Walthall— .... Tylertown.
Warren—Miss Mamie Gorman .... Vicksburg.
Washington—Miss May Cresswell .... Greenville.
Wayne— .... Waynesboro.
Webster— .... Walthall.
Wilkinson—Miss Mittie Fugler .... Woodville.
Winston—Miss Elizabeth Johnson .... Louisville.
Yalobusha—Miss Lillian Dorris .... Water Valley.
Yazoo—Miss Lillian Lawley .... Yazoo City.

NEGRO AGENTS.

ALICE CARTER OLIVER, District Agent, Clarksdale, Mississippi.

Bolivar—Winnie Watts .... Cleveland.
Coahoma—Emma Johnson .... Clarksdale.
Leflore—Louise Minter .... Greenwood.
Madison—Anna Ames .... Canton.
Oktibbeha—Leatha Gilliam .... Starkville.
Quitman—Virlie D. Moody .... Marks.
Sharkey—Sylvia Perkins .... Rolling Fork.
Tallahatchie—Mary Grayson .... Charleston.
Tunica—Julia Pegram .... Tunica.
Washington—Kate Lewis .... Greenville.

ALUMNI ASSOCIATION HEADQUARTERS.

J. WENDELL BAILEY, B. Sc., A. B., M. Sc., Permanent Secretary.
MISS EMILY WARD, Stenographer.

STANDING COMMITTEES OF THE FACULTY

Discipline: President Smith, Professors Walker, Herbert, Robert, Hand, Bowen, Elting.

Library: Professors Herbert, Briscoe, R. W. Harned, Butts, Miss Hall.

Catalog: Professors Bowen, R. W. Harned, Gaines, Mellen, Towles, Morse.

Examinations: Professors Weddell, Barnett, Beal, Moody, Butts, Morse.

Courses of Instruction: Professors Walker, Hand, Moore, Bowen, McKay, R. W. Harned, Butts, Carpenter, Robert, Patterson, Moody.

Classification of Students: Professors Walker, Hand, Robert, Bowen.

Campus and Buildings: Professors McKay, Barnett, Richardson, Morse, Lobdell.

Entertainments: Professors Herbert, Morse, Patterson, Ranck, Barnett, Clayton, Beal, Gaines.

Graduate Study: Professors Walker, Hand, Robert, Bowen.

Student Activities: Professor Gaines, Chairman.

- **Publications:** Professors Mellen, Bowen, Van Sickler, Scoates, Gaines.
- **Organizations:** Professors Hand, Butts, H. H. Harned, Meadows.
- **Athletics:** Professors Walker, R. W. Harned, Beal, Chadwick, Sessums.
- **Debates:** Professors Mellen, Butts, Garner, Gaines, Richardson.
- **Social:** Professors Ranck, King, Gaines, Snow, Garner.
- **Military:** Professors Walker, Elting, Sessums.
- **Labor:** Professors Herbert, Gaines, Broadfoot.

General Efficiency Committee: Professors Hand, Herbert, Beal, Moody, Walker, Mellen, Gaines, Patterson, Bowen, R. S. Wilson, Powell, Ricks, R. W. Harned.

GENERAL INFORMATION

LOCATION OF THE COLLEGE.

The Mississippi Agricultural and Mechanical College is in the northeastern part of Mississippi, thirty miles from the Alabama line and one hundred and thirty miles from the Tennessee border. It is a mile from the town of Starkville.

The branch line of the Mobile and Ohio Railroad, from Artesia to Starkville, extends through the College campus. The branch of the Illinois Central, from Durant to Aberdeen, is only one mile away.

Public service offices are these:

Post Office.—**Agricultural College, Miss.** (Not Starkville.)

Freight Office.—A. and M. College, Miss.

Express Office.—The Southern, Agricultural College, Miss.

Telegraph Office.—Western Union, Agricultural College, Miss.; Postal, Starkville, Miss.

Ticket Offices.—M. and O., Agricultural College, Miss.; I. C., Starkville, Miss.

INFORMATION FOR THE NEW STUDENT.

If the new student should arrive at night, he should report immediately to the office of the Commandant, Room 100 Administration Building, and receive temporary room assignment.

Otherwise: The student should (1) report immediately to the office of the college registrar in the Adminstration Building, room 105, to fill in the registration blanks, (2) then carry them to secretary's office, make the required deposit, and receive his matriculation card, (3) then go to the office of the commandant, present his matriculation card and receive his room assignment, (4) then go to the secretary of the committee on examinations, present his matriculation card and receive his entrance card or directions in regard to satisfying the entrance requirements, (5) and when he has satisfied the requirements for entrance and has received his entrance card, he should present it to the director of the school in which he has chosen his course. The director will then register him, and assign him to his class or section.

The offices of the president, vice-president, secretary, registrar, and commandant are all on the first floor of the Administration Building; the office of the secretary of the Committee on Examinations is room 214, second floor.

GROUNDS AND BUILDINGS.

Grounds.

The Grounds of the College include 2,270 acres in Oktibbeha County, owned by the State, and several thousand acres in several parts of Mississippi, owned by the State, for experiment stations.

The Campus is a block of four hundred acres on rolling land, in part covered by Bermuda sod and in part shaded by groves of native trees.

The campus is healthful. The general elevation is about 400 feet above the sea. Three streams which have their beginning on the campus carry off excess rain, and a system of storm sewers keeps the campus excellently drained.

Concrete walks connect the principal buildings, and a concrete walk and a macadam road connect the campus and the town of Starkville.

Water Supply and Sanitation.—Two deep wells protected against contamination supply the water for the College. This is distributed by a system which serves the dual purpose of domestic supply and fire protection. An elevated steel tank of fifty thousand gallons capacity provides the pressure necessary and a fire pump is constantly in readiness in case of need. A sewage system serves all the residences, dormitories, and public buildings.

BUILDINGS.

The buildings of the College include about fifty residences for the college staff, two large dormitories for the students, academic buildings, barns and other structures for housing the equipment.

GENERAL SERVICE BUILDINGS.

Power Plant.—The power plant which is situated near the center of the campus distributes the water supply, the heat, the light, and the electric power required in the various buildings. A steam laundry, an ice plant, and a cold storage plant are on the campus.

The J. Z. George Infirmary.—This building is named in honor of the late Senator J. Z. George. It is situated 200 feet north of the dormitories. It contains the office of the college surgeon, rooms for the nurses, two general wards, and a number of private rooms for serious cases.

The **Y. M. C. A. Building**, also convenient to the students, affords means for religious activities and for social recreation.

Athletic Buildings and Grounds are at various places on the campus. Hardy Field on the east side and Hightower Field on the west are the principal athletic grounds. A grand stand, bleachers, and dressing rooms, including lockers and shower baths, are at Hardy Field, where baseball games are played. Bleachers and a cinder track are at Hightower Field, where football games and track meets are held. Tennis and basketball courts are in several places on the campus. A temporary gymnasium is near the center of the campus.

ADMINISTRATION BUILDING.

The **Adminstration Building** stands in the center of the campus. Immediately in front is the parade ground; still further on are the green houses and some of the residences of employees. On each side are the academic buildings. And just behind the Administration Building are the Infirmary and a row of cottages. The Administration Building bears the name of Stephen D. Lee, the first president of the College.

On the first floor are the offices of the president, vice-president, the secretary, the registrar, the commandant, and the "chapel." On the other floors are departmental offices and class rooms.

ACADEMIC BUILDINGS.

The principal academic buildings are the following:

W. B. Montgomery Hall.—This building includes the offices and class rooms of the Department of Agriculture, the offices of the Agricultural Extension and Demonstration forces, and the College library of 40,000 volumes.

Engineering Building.—This includes the wood shop, the forge shop, the Engineering laboratory, the rooms of the departments of Physics, Electrical Engineering, and Mechanical Engineering.

Chemistry Building.—This embraces class rooms, laboratories, and a departmental library.

Agricultural Engineering Building.

Dairy Building.

Bacteriological and Entomological Building.

DORMITORIES.

The **two dormitories**, called the Old Dormitory and the New Dormitory, have rooms for approximately one thousand students. These large buildings have toilets and baths on the several floors, and shower baths in the basements. In the rooms of the recent annexes, lavoratories supply hot water and cold.

MISCELLANEOUS BUILDINGS.

The more important of the miscellaneous buildings are the following:

Horticultural Building and Greenhouses.

Poultry Houses.

Barns.

RESIDENCES.

Fifty residences surround the academic buildings. They are frame dwellings, and are occupied by the professors, members of the extension force, and other employees of the College.

HISTORY.

1862-1878.—Establishment.—By the Morrell Land Grant Act, approved June 2, 1862, the National Government donated conditionally to each state in the Union public land scrip equal to 30,000 acres for each senator and representative in Congress. This trust was for the "endowment, support and maintenance of at least one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts in such manner as the legislatures of the states may prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

By an act, approved February 28, 1878, the legislature of Mississippi accepted the conditions of this land scrip endowment, and decreed the establishment of two colleges; one for the negro race, to be known as the Alcorn Agricultural and Mechanical College; the other for the white race, to be known as the Mississippi Agricultural and Mechanical College.

The establishment of two schools necessitated the division of the funds arising from the land scrip—$113,575 being deposited in the State Treasury to the credit of each school. Of the amount belonging to the Agricultural and Mechancial College, $15,000, represented by state bonds, was by subsequent act of the legislature used in the purchase of college lands; so that the amount now in the State Treasury to the credit of the College is $98,575, yielding an annual income of $5,914.50.

1878-1880.—Organization.—On December 13, 1878, the Board of Trustees, established by the State act of February 28, selected the site of the College, 860 acres a mile and a half east of Starkville. Almost immediately building was begun; the first structure being an academic building, a dormitory with rooms for 350 students, a chemical laboratory, the president's residence, and barns. On April 1, 1880, Stephen

Dill Lee, Lieutenant-General of the Confederate army, was elected president of the College.

The initial organization provided for both cultural and practical studies; and each student was required to do manual labor. Eight academic departments, preparatory and collegiate, were established: (1) English, (2) Horticulture, Biology, and Animal and Vegetable Physiology, (3) Chemistry, (4) Agriculture, (5) Preparatory, (6) Writing, (7) Farm, (8) Stewards'. On October 6, 1880, the College opened its doors to students; 350 matriculated during the first year. All pursued the same course of study.

1883-1886.—Farmers' Institutes.—To make known to the people of Mississippi and of other Southern states the practical nature of the A. and M. College, President Lee, assisted by a few instructors and students, made during the early years of the College several talks on live stock, orchards, and similar subjects, in various parts of the state. In 1886 the Board of Trustees ordered that each year at least six practical talks—called institutes—be made by A. and M. College instructors to the farmers of Mississippi. This extension work, antedating by five years the Federal Extension projects, grew rapidly, later becoming an element of the Extension Department of the College, described in detail elsewhere in the catalog.

1887-1888.—The Experiment Station of the Mississippi A. and M. College is founded on acts of the Federal and State governments. The Hatch Act, approved March 2, 1887, appropriates money for the acquisition and diffusion "among the people of the United States" of "useful and practical information on subjects connected with agriculture." The conditions of this act were accepted by the legsilature of Mississippi in 1888.

1890.—Further Federal Support was granted the College by the Act of Congress of 1890. Under this act each state received $15,000 the first year, and an increase of $1,000 a year for ten years. Since 1900 the sum of $25,000 has been paid the College annually.

1892.—Differentiation of Courses took place for the first time in the session of 1892-1893, when the Agricultural and the Mechanical courses were established. These courses have grown into the Agricultural and Engineering schools.

1899.—President Lee resigned the presidency in 1899, and ex-Governor John M. Stone was elected to fill the office.

1900.—The Textile School was organized in 1900. A building was constructed and equipped, and a four years' course of study offered. In April, President Stone died, and immediately John Crumpton Hardy, LL. D., was elected president.

1901-1904.—Branch Experiment Stations were established in 1901 and 1904 to assist the Federal Station at the College in discovering and diffusing agricultural information. These stations were at McNeil in South Mississippi, Holly Springs in North Mississippi, and Stoneville in the Yazoo-Mississippi Delta. The McNeil station was moved to Poplarville in 1918.

1904.—The School of Industrial Education had its origin in the Department of Industrial Pedagogy. This department, offering courses first in September, 1904, rapidly developed into the fourth school.

1905.—The First Summer Session was held in June, 1905, under the direction of the Professor of Industrial Pedagogy. Between 1905 and 1913 summer sessions were held irregularly. Since 1913 the summer term has been an established part of the academic curriculum.

1906.—The Adams Fund was made available by an act of Congress, approved March 16, 1906. The act provides for the Mississippi Experiment Station an appropriation of $5,000 for the year ending June 30, 1906, and a graduated increase of $2,000 a year, for five years. The annual appropriation—now $15,000—is devoted to the necessary expenses of original research and experimental work in agriculture.

1908.—The Nelson Fund was made available by an act of Congress, approved March 4, 1907. This act provides for an appropriation of $5,000 for the year ending June 30, 1908, and a yearly increase of $5,000 for four years. The uses of the annual appropriation—now $25,000—are identical with those of the Morrill Fund.

1911.—The School of General Science—now the School of Science—was organized in 1911.

1912.—President Hardy resigned, and the Hon. George R. Hightower was elected to the presidency.

1913.—The Y. M. C. A. Building was completed in 1913. In the summer the Textile course was discontinued until such time as the demand for textile instruction should warrant the expense.

1914.—By the Smith-Lever Act, approved March 8, 1914, the College, through the cooperation of the State and the United States Department of Agriculture, engages in that extension work which consists "of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attendant or resident in" the College. The Act devotes annually $10,000 to this home-extension work, and continually a gradually increasing sum, to be duplicated by the State or communities. In 1922 through the cooperation of State and Federal Governments a maximum of $252,800 will be available.

1915.—The School of Business and Industry, organized in the spring of 1915 as a Division of the School of Industrial Education, first offered courses of instruction.

The Bureau of Information, later named Service Bureau, was organized.

1916.—President Hightower resigned in the summer of 1916, and Mr. W. H. Smith, then State Superintendent of Education, was elected to the presidency.

1917.—The Division of Correspondence Study, congregating isolated correspondence courses and promoting other courses, projected academic instruction into various parts of the state in the spring of 1917; the Division became a part of the Service Bureau.

The Course in Public Affairs, originally a section of the School of Business Administration, became a distinct organization.

Adoption of the Quarter System, by which the College gives instruction the year round.

Training of Vocational Teachers.—The College was designated as the training school for teachers of Agriculture and of Industry under the Smith-Hughes Act of 1917.

1918.—Beginning in the spring, special war emergency courses were offered in various departments, and during the spring and summer over 1,000 men were trained in various vocations for army service. From October 1st to December 31st, the College, its teaching force and equipment were taken over by the United States War Department, and special courses were given under its direction to the unit of the Student Army Training Corps which was organized here.

1918.—Vocational Training for Disabled Soldiers.—In December, 1918, the Federal Board for Vocational Education registered with the College the first of the disabled soldiers sent to the campus for special training along vocational lines. The steady growth of this service is indicated by the fact that up to April 1, 1920, a total of 459 men had enrolled in this branch of college work.

Status of the College.—Both State and Federal is the nature of the Mississippi Agricultural and Mechanical College. It is founded on agreement between the National Government and the State of Mississippi. The support comes from both governments; and the Extension work and the Experiment work are conducted through the cooperation of the two governments. With the increasing needs of the industrial classes the course of study has developed. To-day the College is a great polytechnic institution, offering a great many courses, both cultural and practical.

PURPOSE AND POLICY.

Doubtless the most far-reaching piece of Federal legislation ever enacted became a law when Abraham Lincoln affixed his signature to the Land Grant Act on July 2, 1862.

This Act provided for each state of the Union, "at least one college whose leading object shall be, without excluding other scientific and classical studies,—to teach such branches of learning as are related to agriculture and the mechanic arts —in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." Here we have the whole scheme of universal education, the education of all classes of citizens for all classes of work.

Building on this broad foundation, the Agricultural and Mechanical Colleges have to-day reached the logical conclusion that industrial education is not a thing apart, but is an integral portion of the educational scheme through which a commonwealth seeks to educate all classes of men as to develop at the same time not only their intellect, their literature and their arts, but their industries and their activities generally; that it should fit the individual for his work and teach them how to live while he works. This assumes that all major industries and occupations must go on in the future as in the past, even though every man in the commonwealth was a college graduate; that if a man be truly educated he will be trained in some profession and also trained outside of his profession, so that he will be bigger than the means whereby he earns his bread. The educated man becomes something more than a farmer, or a teacher, or a lawyer, or an engineer, or else he is less than a man. Through the influence of the land-grant colleges, industrial education has become an important part of the entire scheme of public education from the elementary school through the college and university.

The organization and work of the Mississippi Agricultural and Mechanical College fall into three divisions:

1. Resident instruction in regular collegiate work, graduate courses, short courses, summer schools and other forms of formal teaching and practical work and instruction on the campus of the college.

The instruction at the college must be such as to educate and direct the minds and tastes of students to the sciences that underlie agriculture and the mechanic arts, such as

Chemistry, Botany, Geology, Zoology, Entomology, Physiology, Mechanics, Physics, etc. To properly understand and appreciate these subjects requires an education as broad and liberal as that needed in mastering other professions. This simply means the application of the sciences to the development of farming, mining, manufacturing and transportation in a manner both efficient and honorable. This type of education places applied science in the form of agriculture, engineering and business practice upon a level with other vocations. It also makes way for the brightest and most competent young men to follow industrial pursuits instead of being drawn away from them into the old professions. The educational requirements to meet modern industrial demands are not inferior to those shown for the so-called learned professions. Experience has shown that in industrial education the best is demanded and that there is no limit to the scope and usefulness or the dignity of agriculture or engineering as a profession. The Mississippi Agricultural and Mechanical College cannot furnish trained leaders fast enough to meet the demand though every department is taxed to full capacity. It is now the function of this institution to provide courses for the training of civil, electrical and mining engineers, industrial and agricultural chemists, teachers of chemistry, teachers of Agricultural and Consolidated schools, county agents, dairy, poultry and other live stock and agricultural extension workers, efficient business men, editors, and to send out educated farmers to own and develop the soil resources of the state.

The increasing number of students in attendance each year in the face of increasing entrance requirements, indicates that the College is meeting the demand of the people of the state for a thoroughly practical education for its young men. For an industrial people, habits of industry should be acquired and preserved by combining manual labor and laboratory work with literary instruction. Mental and physcial training should go together and are equally important.

2. The Experiment Station is an important division of the Agricultural and Mechanical College. Its field of useful-

ness lies in advancing knowledge through systematic experimentation and investigation. The safe and efficient progress of the whole system of agriculture depends upon the experiment stations to a far greater extent than ever before. The results of the research and investigations of this department are necessary alike to the college teaching departments, the extension departments and the farmers generally over the state. The value of the experiment station as a research institution for discovering and verifying the practical bearings of scientific facts and principles cannot be overestimated.

The experiment station of the Mississippi Agricultural and Mechanical College has a large staff of scientific experts working out valuable test experiments in a large number of important phases of our agricultural and industrial activities. The findings of this work are published in bulletins and furnished free of cost to the students in the class room and to any citizen of the state.

3. The cooperative agricultural extension work, though the newest, is one of the important branches of the college activities. It consists of giving instruction and practical demonstrations in agriculture and home economics and imparting information through field demonstrations, publications and otherwise. Through this agency the work of the college experiment station finds its way to every community of the state through movable schools, boys' and girls' activities, county agents, farmers, organizations, marketing associations, etc. Those who cannot come to school are being taught in their homes and on their farms.

DISCIPLINE.

The president, by college regulation, is responsible for the government and management of the college and supervises and controls all the departments, collegiate and otherwise. Discipline is enforced primarily through the military organization.

The commandant has immediate command of the corps of cadets and is responsible for the military organization. On his recommendations the president appoints officers and non-commissioned officers of the regiment. All permits for privileges and all excuses and explanations for delinquencies must be submitted through him. It is his duty to report to the president for his action, all violations of the college regulations. He assists the president and faculty in their efforts to enforce discipline, and sees that the punishment given by them is served.

To enforce discipline and preserve orderly conduct, reports are made by the cadet officers and non-commissioned officers and demerits and punishments are given by the president, and the commandant and the register under the president's direction, for those reports which are not removed on explanation submitted to the commandant. Students have the right of appeal in writing, through the commandant, to the president, when they think injustice has been done them.

GRADING AND EXAMINATIONS.

1. Students will not be allowed to take less than 15 credit hours nor more than 25 in any quarter. No student whose grade for the preceding quarter in any subject is less than 70 will be allowed to carry more than 20 credit hours.

2. Numerical grades are given for daily recitations and for examinations. Grades from 90 to 100 indicate excellent work; from 80 to 90, good work; from 70 to 80, fair work; from 60 to 70, poor work; from 50 to 60, condition; below 50, failure.

3. The entrance examination grade for admission to the freshman class shall not be less than 60.

4. Any student whose daily grade, or examination, or whose final standing in the course is less than 50, is marked "failure" in the course and must repeat the subject. "Conditions" must be removed in accordance with provisions of Section 5.

5. A student who is qualified for examination in a course and has made an examination grade below 60 but not below 50 in it, or whose final standing is less than 60 but not less than 50, is "conditioned" in the course. Such condition must be removed by a second examination at the end of the quarter immediately following, on such day as may be designated by the committee on examinations. In case the student does not re-enter college during the next quarter, he shall be required to remove the condition at the end of the first quarter after he does re-enter. In case the student fails to remove the condition as indicated above, he shall be required to take the subject

over in class or under an instructor approved by the president of the college and the head of the department in which the subject lies.

6. A student "conditioned" in a subject, as designated in Section 5, may, if the head of the department approve, be allowed to register for the succeeding course to which the "conditioned" subject is a prerequisite.

7. A student who has qualified for a regular examination in a course and has failed to take it at the regular time, shall be "conditioned" in that subject. Such condition must be removed according to the provisions of Section 5.

8. In all examinations for advanced standing the student shall be required to make a grade of not less than 70. (By "advanced standing" is meant the credit a student receives in a course that he has not taken in class at this college.)

9. All examinations for advanced standing shall be held only at the beginning of the fall quarter, on such days as are designated by the committee on examinations.

10. Any student who desires a special examination either to pass off a condition or to obtain advanced standing must fill out the application card provided at the registrar's office. This application must be approved by the registrar and by the head of the department in which the subject lies.

11. In case a student be absent from one or more recitations (but not more than one-fourth of the total recitations) in a course during the quarter, he may, if the instructor sees fit, be required to make up the work he missed.

12. In order for a student to be eligible for final examination in a course, he must be present at least three-fourths of the recitations of the course during the quarter.

13. Final examinations shall be held in all subjects in which examinations are an adequate test, and only on such days as are designated by the committee on examinations.

14. In a subject in which an examinaton would not be an adequate test and in which the making up of work would be impracticable, the passing or not passing of the student shall be left to the discretion of the instructor and the head of the department.

15. Any student who fails for two successive quarters to complete with a passing grade as much as two-thirds of the work on his schedule of recitations shall be required to withdraw from the college.

16. On all reports for a student's final standing in a course, there shall be recorded the total number of absences during the quarter and the numerical grade. No final examination grades shall be turned in; merely the numerical grade indicating final standing.

17. Under the head of "Remarks" in each report, where a student has failed to receive a grade in a course, the instructor shall indicate the reason why no grade has been given.

ASSEMBLIES.

FREDERIC DAVIS MELLEN, Supervisor.

Sunday Services.—Occasionally, on Sunday morning, at eleven o'clock, a religious service is held in the auditorium of the Administration Building. A sermon is delivered by a distinguished clergyman of Mississippi or of a neighboring state.

Monday Assembly.—Each Monday morning the students and the faculty assemble at eleven o'clock in the auditorium. The principal feature of the hour is an address by a prominent speaker.

Other Assemblies.—Almost every day in the year a public meeting of some kind is held on the campus. The Farm Demonstrators, and the Home Economics Agents hold on the campus several public meetings in the year; motion picture shows are given; athletic meets are held; and the Y. M. C. A. holds frequent services. The place and the hour are announced as far in advance of these assemblies as possible.

STUDENT ORGANIZATIONS.

As in every other large college, in the Agricultural and Mechanical College students have formed organizations in which they may develop their distinctive faculties and satisfy their individual tastes. These organizations vary in purpose. They fall into four groups: Publications, Societies, Military Clubs, and Social Clubs.

The principal publications are The College Reflector, the weekly newspaper; The Reveille, or annual; and The Y. M. C. A. Hand Book. Description of these publications is given elsewhere in the catalog.

Chief of the societies are the Literary and Dramatic societies, the Industrial clubs, the Band and the Young Men's Christian Association. Somewhat detailed information about the Literary societies is given at another place in the catalog. The Dramatic Club, as the name implies, endeavors to present from the rostrum plays either classical or modern. In the Industrial Clubs, students of a particular bent study their vocations more fully than is possible in the classroom. There are seven Industrial clubs: Agricultural, Business, Dairy, Engineering, Science, Phonographers, and Veterinary. The College Band is described on another page. Four clubs stimulate among the members interest in military matters: the Sabre Company, Rifle Club, First Sergeants Club, and the Captains Club. Instinctively many students take part in social organizations. In these clubs students of similar tastes find comradeship. Prominent among the social clubs are the following: Senior, Junior, Sophomore and Working Boys clubs; the several County clubs; the M. Club; the Masonic Club; the W. O. W. Club; and the George Rifles and the Lee Guards.

Young Men's Christian Association.—The association has for its symbol the triangle representing body, mind, and spirit, or the all round man. The particular mission of the association here is to take care of the religious and social phases of college life. A splendid building is at the disposal of those who become members.

The prayer meeting on Wednesday night is conducted by the students themselves. The average attendance for the session 1918-1919 has been more than one hundred. The weekly service is held Sunday evening, at which time addresses are heard from representative men of all vocations. The average attendance at these meetings has been 358.

Bible study courses are offered, dealing with the practical problems confronting the college student in dormitory life. Mission study courses are given during the second term, the classes being taught by members of the faculty. Social service is carried on by the extension committee assisting at country churches, Sunday schools, and other community organizations. This phase of the work is increasing each year.

Games are provided in the building, where the boys may gather during spare time. Public receptions are held from time to time, at which students have the opportunity to meet and mingle with residents of the campus and the town of Starkville.

A General Secretary devotes the whole of his time to the work of the association. Parents and friends should feel free to write him at any time regarding the welfare of any student.

An annual student conference for the Southern colleges is held at Blue Ridge, North Carolina, during the summer. The delegations from A. and M. are increasing each year. This is a splendid opportunity for students to strengthen themselves for participation in religious and social welfare activities.

Literary Societies.—Two literary societies, the Dialectic and the Philotechnic, are a valuable supplement to the academic courses. The exercises are interesting and instructive. The body of the weekly program consists of debates, declamations, and talks on industrial subjects—including social, scientific, and political topics. Members of the societies consequently acquire practical, first-hand knowledge of parliamentary law, and develop in some measure that readiness essential to the agricultural, the educational, the business, the engineering, the public leader. The lighter part of the program is usually a musical number.

Growing interest in the societies is being manifested by the students, especially those who expect to be agricultural demonstrators, superintendents of education, legislators, commercial secretaries, social workers—public leaders. More than a hundred students are members. To develop the powers of speech, each society gives annually a medal to the freshman who excels in declamation, and another to the sophomore who delivers the best original argument.

The societies meet every Friday night at seven o'clock; the Dialectic Society in room 300, Administration Building; the Philotechnic in room 301, across the hall. Visitors receive a cordial welcome.

Demosthenean Debating Club.—The Demosthenean Debating Club is an upperclassman's literary society. It is composed of a possible twenty-two members—juniors and seniors—who have been proficient in the Dialectic and Philotechnic societies. These students of high scholastic rank do much to promote oratory and practical speaking in the student body. They take part both in local and in intercollegiate contests.

Debating Council.—Four members of the Demosthenean Club, including the president and secretary, and the Professor of Public Discourse, as chairman ex-officio, compose the College Debating Council. The council considers questions for debate, draws up rules, and selects the intercollegiate debaters. Official record of each debate is kept in room 300, Administration Building.

Intercollegiate Debating and Oratorical Contests.—Intercollegiate debates are now held with the Alabama Polytechnic Institute, the University of Arkansas, the University of Mississippi, the Mississippi Normal College, Mississippi College, Millsaps College and Clarke Memorial College. Interest in debate is growing. Recognizing the fact that training in incisive reasoning, self-possession and persuasion is necessary to the agricultural, the engineering, the civic, and the business leader, the college, through the Department of Public Discourse, encourages intercollegiate debating and oratory.

The style of debate employed is the so-called "head on." This is far different from the old style set delivery; it requires thorough preparation; quickwittedness; ability to debate extemporaneously, to answer the unforeseen question, and to make the truth-revealing sortie. It is the style essential to the industrial leader—the farm demonstrator, the practical teacher, the efficient engineer, the statesman, the business man.

Students also show considerable interest in the Mississippi intercollegiate oratorical contests.

Education in debating and oratory as a means to leadership, and not mere victory, is the purpose of the contests.

For information concerning the intercollegiate contests, persons interested should consult the Department of Public Discourse.

The College Reflector is a weekly newspaper, devoted to matters of interest primarily to the students and other residents of the campus and to their friends, and affording practice to the students interested in journalism. Intercollegiate debates, literary society programs, Y. M. C. A. meetings, social events, athletic contests, and similar college activities receive notice in the columns. Liberal space is given to official announcements by college departments, to public lecturers, and to unbiased articles on current questions.

The Reflector is the laboratory for the students studying journalism.

Under supervision by the Editor-in-Chief and the Professor of Public Discourse those students who wish to disseminate industrial information or to influence public life in one way or another practice as reporters, editors and managers. If the work is satisfactory, they receive academic credit.

The price of The Reflector for the scholastic year is one dollar. Sample copies are sent free to any address. Communications should be addressed to Business Manager, College Reflector, room 203, Administration Building, Agricultural College, Mississippi.

MEDALS AND PRIZES.

Declamation.—Each of the literary societies—the Dialectic and the Philotechnic—gives annually a gold medal to the freshman member who declaims best.

Sophomore Debate.—Each society also gives a gold medal to the sophomore member who prepares and delivers the best argument.

Alumni Debate.—The Alumni Association each year gives a gold medal to the member of the junior class who delivers most effectively the best composed argument. The debate, which takes place in Commencement week, is restricted to regular members of the Dialectic and Philotechnic literary societies.

Albert Critz Memorial in Vocational Speaking.—In memory of his brother, Albert Critz, of the class of 1913, President Hugh Critz, of the Agricultural College, Russellville, Arkansas, each year gives a gold medal to the member of the senior class who delivers most effectively the best original speech on a vocational subject.

Intercollegiate Oratorical Contest.—This contest, the oratorical classic of Misissippi, is controlled by five colleges; the A. and M., the Normal, the University, Millsaps, and Mississippi College. To the contest, which takes place on the second Friday night in May, each College sends a representative. A diamond-set medal is given the winner.

High School Prizes.—On the last Friday and Saturday of each April, the A. and M. College holds its State High School Meet, open to boys. Gold, siver and bronze medals are awarded to the winners of each athletic event.

Students interested in public speaking, public writing, and other contests, not athletic, should apply to the Department of Public Discourse, room 203 Administration Building, for information. Copies of the rules governing each of the following contests are available:

Debating.—Philotechnic, Dialectic; Alumni; Millsaps-Mississippi College, Triangular; Clarke-Normal, Triangular; Arkansas-University Triangular; Durant; and Alabama Polytechnic.

Oratorical.—Intercollegiate.

Vocational Speaking.—Albert Critz Memorial.

High School Meet.—A special bulletin is issued, which will be sent on application.

ATHLETICS.

All athletic activities are under the control and direction of the Department of Physical Education. It is the aim of the department to provide instruction and to offer facilities for the student body to engage in such exercises, games and sports as will best create and maintain a vigorous physical health. To that end every effort is made to encourage every student to engage in some form of athletics for exercise and recreation. Inter-class and department contests of all kinds are arranged so that large numbers may have an opportunity to engage in them. The annual series of class games in football, baseball, and basket ball arouse equally as much interest as the intercollegiate contests. The annual interclass track meet in the spring is growing in size and interest every year.

Representative teams are maintained in foot ball, base ball, basket ball, and track. Intercollegiate contests in the above sports are held every year with the leading Southern Colleges and Universities under the regulations of the Southern Intercollegiate Athletic Association, of which Mississippi A. and M. is a member. To engage in intercollegiate athletics a student must pursue one of the regular college courses and maintain a satisfactory standing in his class work. Failure to pass in his class work in any term will debar him from engaging in intercollegiate althletics the following term. It is the aim of the Department to foster a spirit of fair play and good sportsmanship in all athletic contests. The winning of games is a secondary consideration.

Two large athletic fields, equipped for foot ball and base ball, a first-class quarter-mile cinder track, and a number of basket ball and tennis courts are maintained by the department and offer unusually good opportunities for the student body to engage in outdoor athletic sports.

For those who are not physically fitted to engage in athletic sports, several courses are offered which are planned especially for the upbuilding of the body and the improvement of the general health.

ADMISSION AND GRADUATION

The Cost of Attendance.

The expense of attending the Mississippi Agricultural and Mechanical College includes fees, expense of cooperative activities, and incidental expenses. The total cost for the session of 1920-1921 is estimated to be approximately $350.00 for residents of Mississippi and $400.00 for non-residents. All prospective students should come to the College prepared to make a deposit of $82.00 with the Secretary, to meet the requirements that are explained in detail in paragraphs that follow.

The annual fees paid by students at the time of matriculation are very moderate. The funds so collected are used to cover the cost in part of consumable material and campus sanitation, and for lyceum entertainment, library facilities, physical training, room equipment and hospital service.

Since it is necessary for the College to assume obligations at the beginning of each session extending through the entire year, it is evident that it is not possible to refund these fees, or any part of them, when the student finds it impossible to remain in attendance for a full academic year.

Campus Fee.—This charge of $1.25 is to help pay the expense of cleaning, repairing, and maintaining the campus in a neat and sanitary condition.

Lyceum Fee.—A course of lyceum entertainment, consisting of six to ten numbers, is arranged each session by the college. The fee of $1.25, paid on entrance, entitles each student to admission without further charge.

Gymnasium Fee.—The value of physical training is universally recognized, and $2.00 is collected from each student to provide facilities for gymnasium exercise, outdoor games, and field sports that will interest and benefit every student in college.

Laboratory Material Fee.—Each student is required to contribute $2.00 a session toward paying for consumable material for a few of the practical laboratory courses.

Library Fee.—The general library with its extensive collection is open to all college students, and the fee of $2.50 is used in meeting the cost of new books, of periodicals, and of binding.

Hospital Fee.—The payment of $5.00 required of students living in the dormitories, entitles them to medical attention from the resident physician, and to the facilities of the college hospital, including medicines and the services of a trained nurse when necessary.

Furniture Rent.—The rooms in the dormitories are provided with very serviceable single beds, mattresses, chairs, tables, chifforobes, and dressers. The furnishings are rented to the student at a nominal charge of $5.00 for the entire session.

Room Reservations.—Any former or prospective student may secure a room reservation in the dormitory in advance of his arrival on the campus by making a deposit of $10.00 with the Secretary of the College before the 10th day of September, 1920. All reservations unclaimed at 9:00 p. m., on September 21st, will be subject to cancellation.

Tuition.—Mississippi students are admitted five years free of tuition. Students who are citizens of other states or of foreign countries are required to pay $40.00 a year tuition in addition to the fees charged to all undergraduate students. Graduate students pay only $15.00 a session.

Uniform.—All students are required, by a resolution of the board of trustees, to wear the prescribed uniform with in five miles of the college buildings. This uniform at present is the olive-drab United States Army regulation uniform. Students not rooming in the dormitories must also comply with this resolution.

Students who are accepted in the Reserve Officers Training Corps under the regulations of the War Department, will have issued to them by the Federal Government, a complete regulation uniform, for which they will be held personally responsible. All articles of uniform issued to R. O. T. C. students are to be promptly returned to the Military Department, upon withdrawal of the student from college, or paid for by him at invoice price. A clearance certificate from the ordnance officer must be presented in the accounting office of the college by R. O. T. C. men, at the time of withdrawal from college, certifying that all articles of uniform issued to them by the Federal Government have been properly returned to the ordnance department and accepted, before the student will be relieved of the charge for the uniform and receive a final settlement.

Students who are not members of the R. O. T. C. will be required to make a deposit of $24.00 for the purchase of one complete uniform as personal property. All students will be required to purchase, in addition to their complete uniform, one extra shirt, one extra pair of breeches, and one extra pair of leggins, for which a deposit of $10.00 will be required in advance.

Damage to Property.—Students are specifically reminded that they will be held responsible for damage to the college buildings, furniture, equipment, and other property. Any unnecessary damage or wilful multilation, defacement, or destruction of college property, will be assessed and charged to the student or students responsible. This regulation will be strictly enforced, and the few students who disregard it will be subject to dismissal from college.

The return, in final settlement, of the $5.00 damage deposit required of Day Students, is contingent upon the absence of any charge against them for damage property.

Registration Day.—At the beginning of each quarter, and on the day designated in the calendar of this catalog as **Registration Day,** students are required to register with the directors of their respective schools and enroll their names with the teachers under whom they are to have work for the quarter. Students who register on any subsequent date will be required to pay fifty cents a day for each day of delayed registration, the total charge not to exceed $5.00.

Entrance Payments.—The following tabulation of expenses shows the total payments required of all undergraduate students at the time of entering college. Students who are not residents of Mississippi pay $40.00 additional for tuition. Fees and tuition are for the entire session.

	DORMITORY STUDENTS.	DAY STUDENTS.	
Campus fee,	$ 1.25	$ 1.25	
Lyceum fee,	1.25	1.25	
Gymnasium fee,	2.00	2.00	
Laboratory material fee,	2.00	2.00	
Library fee,	2.50	2.50	
Hospital fee,	~~5.00~~ →		$7.50
Rent on room furniture,	5.00		
Extra articles of uniform for all students,	10.00	10.00	
Contingent damage deposit,		5.00	
	$29.00	$24.00	
Advance deposit on subsistence,	22.00		
Heat in class rooms,	5.00	5.00	
Athletic admissions,	5.00	5.00	
Y. M. C. A. privileges,	2.00	2.00	
	~~$58.00~~	~~$36.00~~	65.50
Uniform for non-members of the R. O. T. C.	24.00	24.00	40.0
	$82.00	$60.00	$105.5

Subsistence.—This includes board, heat, lights, water, and laundry. The charge for this service is made at the end of each calendar month, after the actual cost of board has been determined for that particular month. It is necessary, therefore, that all students residing in the dormitories be required to establish an advance deposit of $22.00 for subsistence at the time of registering for meals in the dining hall. This fund must be maintained in full to apply in payment of subsistence at the time of final settlement or withdrawal from the dormitory. The amount of this advance deposit may be increased or reduced by order of the president according to the cost of subsistence.

Board.—Meals are served in the dining hall at actual cost of provisions, labor, and supplies. The cost of this service for the session of 1920-1921, under the prevailing market conditions, will probably be about $17.00 a month. Purchases are made for the Steward's Department in the largest quantities consistent with economical management, and at the lowest wholesale prices.

Students who are absent from the campus on permit for six or more consecutive days, not including the day of departure or the day of return, may receive credit on board for such absence, except during the Christmas holidays, provided they comply with the requirements of paragraph 76 of the Military Regulations.

The credits that may be allowed on board for absence during the Christmas holidays are limited to the number of days on which duties are actually officially suspended by the action of the Faculty. The expense of operating the dining hall at this season cannot be materially reduced, except for the duration of the authorized holiday period. Therefore, students who leave the campus in advance of the Christmas holidays, or those who return after class work has been resumed, cannot be allowed credit for the additional time absent.

Heat, Lights and Water.—A central power plant delivers heat to the class rooms, and heat, lights and water to the dining hall, and dormitories, at an average charge of approximately $2.75 a month during the session.

A charge of $5.00 a session is collected from all students living out of the dormitories as their share of the expense of furnishing heat in the lecture rooms.

Laundry.—This service is furnished by a modern, well-equipped steam laundry for thirty-five cents a week for one, two and three weeks, or $1.25 for a calendar month. Pressing and cleaning service is furnished at a proportionately small cost.

Monthly Settlements.—The cost of subsistence will be collected monthly, beginning on the dates specified in the calendar of this catalog. Four days, beginning with either the first Monday or the first Tuesday of each month, are allowed for making deposits on subsistence, without extra cost. Students who allow their payments for subsistence to continue in arrears for more than one month will be subject to forced withdrawal from college. A disposition to impose on the student body, which pays all cost of the steward's department, cannot be tolerated. It is also obvious that a student cannot receive an honorable discharge until all financial obligations to the college are paid in full.

Students must see for themselves that all necessary deposits for subsistence and other expenses are made promptly, and should not depend on the college authorities to notify parents or guardians of delinquent accounts. Those who perform labor for the college must personally see that vouchers for their time are properly approved and delivered in the accounting office of the college one day before the end of each month, in order that they may receive credit for it on their account the following month.

Itemized statements of accounts will be rendered on request from parents or guardians.

Personal Checks.—All financial obligations of students to the college should be paid in cash, bank exchange, certified checks, cashier's checks, post office or express money orders. Private checks and drafts are accepted for collection only, and the entire proceeds, when collected, will be paid in cash or credited to the proper account.

Cash will not be advanced to students on any kind of checks, drafts or money orders drawn payable to the college or any officer of the college. All of these remittances must be deposited to the account of the student for whom the money was intended and must apply on payments for subsistence and other expenses. Any balance on account to the credit of the student, at the time of his withdrawal from college, and resulting from these deposits, will be remitted direct to the person supplying his funds.

By an order of the board of trustees, students are not permitted to draw money deposited with the secretary of the college except in final settlement. Therefore, parents and guardians should supply spending money direct to their sons and wards instead of depositing it in the accounting office of the college.

Athletic Admissions.—The payment of $5.00 entitles the student to admission to all athletic events held on the campus during the entire session. The board of trustees adopted this plan in 1915 in response to repeated petitions from the student body. The average athletic program includes from four to six foot ball games and three cross country races during the fall, eight to ten basket ball games during the winter, twelve to twenty base ball games and one to two track and field meets during the spring. Admission to the athletic contests, for those other than students, varies from fifty cents to one dollar a game.

Y. M. C. A. Privileges.—This fee entitles every student to use of the Y. M. C. A. building, and equipment. The membership card also entitles him to similar privileges in other Associations throughout the United States.

Incidental Expenses.—The items classified as incidentals include the cost of books, stationery, toilet articles, voluntary contributions, etc. It is estimated that $10.00 a month will cover the cost of necessary incidentals; however, the amount that may be expended will depend largely, of course, upon the student himself.

Students living in the dormitories must provide themselves with linen and covering for a single bed, a pillow, towels, and a laundry bag. Electric light fixtures and bulb can be obtained from the electrical engineering department. The cost of these fixtures will be refunded when they are returned to the department in good condition.

Opportunity for Employment.—Since the founding of the college, special effort has been made to give worthy young men an opportunity to earn part of their college expenses. A number of students each year perform labor for the institution during their spare time by acting as waiters in the dining hall, sweeping the dormitories, academic buildings and walks, firing boilers at the power plant, milking at the dairy, and by stenographic and general office work, etc.

These positions are usually assigned to students of merit who have been in the college at least one quarter, and they receive pay for their services in the form of credits to their accounts in the secretary's office about the end of each month. The time available will hardly permit any single student to earn all his expenses through labor while engaged in college work.

Young men who find it necessary to work during the entire day, may do a limited amount of academic work by meeting classes at night. If the number who apply for night courses is sufficient, a special instructor will be provided. It is only the exceptional man who can make good progress in his studies after a day of hard labor. However, a number of graduates of this institution have, in this way, made their college training possible.

All correspondence regardng employment should be addressed to THE REGISTRAR, AGRICULTURAL COLLEGE, MISS.

PAY AND ALLOWANCES R. O. T. C.

1. Each physically fit male student who is a citizen of the United States and who is enrolled as a student in this institution, becomes automatically a member of the basic course and is entitled to the following regular issue of uniform for each year in which he continues in the R. O. T. C.:

1 pair breeches, wool, O. D.	$ 6.32
1 coat, wool, O. D.	9.79
1 hat, service,	2.00
1 hat cord,	.09
1 pair leggins,	1.05
1 shirt, wool, O. D.	3.50
1 shoes, russet,	4.65
1 belt, waist,	.23
Total,	$ 27.63
4 years at $27.63,	$110.52

2. Each member of the basic course may, if he so elects, attend the basic camp held each year for students complet-

ing the second year basic course (Sophomore year). Those attending this camp receive railroad fare from institution to camp and return and while at camp receive board, lodging and an issue of clothing, as follows:

2 breeches, cotton, O. D.	$ 3.38
1 shoes, russet, ...	4.65
1 shirt, wool, O. D., ...	3.50
1 leggins, pair, ...	1.05
1 hat, service, ...	2.00
1 hat cord, ...	.09
	$14.67
If he attends two camps, ...	$29.34

3. Upon successfully completing the basic course, students may elect to enter the advanced course by signing a contract to devote five hours a week, during the remainder of their course, to the military training prescribed and to pursue such camp training as the Secretary of War may prescribe. Students enrolled in the advanced course receive the usual issue of clothing each year and commutation of rations at the rate of forty cents a day from date of entrance to date of graduation, except for periods of camp training when they receive rations in kind.

4. All members of advanced course are required to attend camp at the end of the first year advanced course (Junior year) and receive railroad fare from institution to camp and return and are furnished board and lodging during the time at camp. They are also given the camp issue of clothing valued at $14.67, as enumerated above.

5. The commutation of rations figured from opening of current school year is as follows:

From September 17, 1919, to May 31, 1921, 622 days at $ .40, ...	$248.80
Less 42 days camp training at $ .40, ...	16.80
Balance, ...	$232.00

6. Recapitulation.

4 regular issues of uniform at $27.63,	$110.52
2 issues of clothing at camps at $14.67,	29.34
Commutation of rations,	232.00
Total,	$371.86

Railroad fare in addition.

REQUIREMENTS FOR ADMISSION.

All applicants, in order to be admitted to any class, must be not less than sixteen (16) years of age.

For the session of 1920-1921 the scholarship requirements for admission to the freshman class are fourteen (14) Carnegie units, **without condition as to number.*** An entrance unit is the credit given for a successfully completed course pursued in an accredited high school or preparatory school for an entire academic year, with five recitations a week of not less than forty minutes each. Two laboratory or shop periods count the equivalent of one recitation period.

Of the fourteen units required for entrance six (6) are prescribed for all applicants—three (3) in English, two (2) in mathematics, and one (1) in history, as follows:

Advanced Grammar	½ unit.
Composition, Rhetoric, Literature,	2½ units.
Algebra to quadratics,	1 unit.
**Plane Geometry,	1 unit.
History (Ancient, English, American, Medieval or Modern)	1 unit.

For the session of 1921-1922 one (1) unit in science (Group 5 below) will be prescribed.

† The eight (8) additional units must be elected from the following groups and subjects:

Group 1. **English.**—Composition, Rhetoric, Literature.

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* All men who served in the army or navy may enter with two conditions.

** Applicants may be conditioned in Plane Geometry.

† See "Description of Subjects" for maximum number of units accepted in each subject.

Group 2. **Mathematics.**—Algebra (quadratics and beyond), Solid Geometry, Trigonometry, Advanced Arithmetic.

Group 3. **History.**—English, American, Medieval, Modern, Ancient, Mississippi.

Group 4. **Foreign Languages.**—French, German, Spanish, Latin, Greek.

Group 5. **Sciences.**—Agriculture, Botany, Chemistry, Physiology, Physical Geography, Physics, Zoology, General Science.

Group 6.—**Business Subjects.** — Bookkeeping, Business Arithmetic, Commercial Law, Stenography and Typewriting.

Group 7. **Manual Subjects.**—Manual Training, Freehand Drawing, Mechanical Drawing.

Admission by Certificate.—Applicants who come from high schools or preparatory schools that have been approved by the State Accrediting Commission are admitted without examination on presentation of certificate, signed by the principal of the school, showing the completion of fourteen (14) Carnegie units. This certificate must give the subjects completed, the length of time in weeks the subjects have been pursued, the number of recitation periods a week, and the grade, or school year. School principals are requested to use the regular form of certificate, prepared by the College, which will be furnished on application to the Registrar. The form enclosed in this catalog may be used. The principals are urged to exercise care in describing the work that the applicants have done, in filling out the blank spaces for name, postoffice, and date, and in signing the certificate in script.

This certificate is absolutely necessary; a school diploma is not acceptable in place of it.

All certificates for admission must be sent by the principals of the schools directly to the Registrar of the College. Applicants should have their certificates mailed as soon as possible after the close of the high school session. The committee on admission will at once examine each certificate and notify the applicant of its acceptance or rejection. Applicants whose certificates have been accepted for entrance should report to the committee before they have matriculated, and receive cards admitting them to the proper class.

Admission by Examination.—Applicants who have not the necessary entrance units are required to take the examinations in the subjects prescribed for entrance and in a sufficient number of elective subjects to make the total of 14 units. The nature and scope of the work on which the examinations are held may be ascertained from the section on "Description of Subjects" later in this catalog. These examinations will be held at the College, September 20, 1920.

All applicants who expect to take examinations for entrance are advised to review thoroughly their work in preparation for them.

Admission from Other Colleges.—Students who have attended other colleges of approved standing may be admitted by transfer of credits. A statement from such other college specifying in detail the units submitted for admission there will suffice. In order to receive advanced standing the student must present a certified record of work done in the institution from which he comes, accompanied by a certificate of honorable discharge. This record will be passed to the heads of the departments concerned, who will determine the credits to be allowed.

Admission of Special Students.—Applicants who are not less than twenty years of age may be admitted as special students without the usual examinations or entrance units. They must satisfy the heads of the departments in which they desire work that they are prepared to pursue the courses sought. Such students cannot become candidates for a degree until they satisfy the entrance requirements.

Admission to the Two-Year Course in Agriculture.—Young men who have not had sufficient high school training to meet the entrance requirements, but who desire to become practical farmers and stockmen may enter the two-year course in Agriculture. They must not be less than eighteen years of age and must have had sufficient preparation to carry the assigned work. THIS COURSE IS NOT A PREPARATORY COURSE FOR ADMISSION TO THE FRESHMAN CLASS.

DESCRIPTION OF SUBJECTS.

ENGLISH (3 to 4 units).

a. **Advanced Grammar.**—The inflections and uses of the parts of speech; syntax of nouns, pronouns, verbs, and conjunctions; a careful study of sentence-structure; punctuation and capitalization **½ unit.**

b. **Composition and Rhetoric.**—The working principles of rhetoric as treated in standard high-school text-books; abundant exercises; a great deal of practice in planning and writing compositions; special emphasis on paragraph structure and the sentence as regards unity, emphasis, and coherence. **1 to 2 units.**

c. **Literature.**—The reading and study of English classics as prescribed in the standard course of study for high schools, and based on the requirements of the joint committee of colleges and secondary schools. **1 or 1½ units.**

MATHEMATICS (2 to 4 units).

a. Algebra to quadratics	**1 unit.**
b. Algebra, quadratics and beyond	**1 unit.**
c. **Plane Geometry**	**1 unit.**
d. **Solid Geometry**	**½ unit.**
e. **Trigonometry**	**½ unit.**
f. **Advanced Arithmetic**	**½ unit.**

HISTORY (1 to 4 units).

a. **Ancient History**, with emphasis on Greek and Roman,	**1 unit.**
b. **English History**	**1 unit.**
c. **Medieval European History**	**1 unit.**
d. **Modern European History**	**1 unit.**
e. **Advanced American History and Civics**	**1 unit.**
f. **Mississippi History**	**½ unit.**

The study of any standard text-books, with the usual collateral reading.

FOREIGN LANGUAGES.

a. **French.**—First year: Elementary grammar, with the more common irregular verbs. Careful training in pronunciation. About 100 pages of easy prose should be read. **1 unit.**

Second year: Advanced grammar, with all the irregular verbs. Elementary composition and conversation. About 300 pages of Modern French. **1 unit.**

b. **German.**—First year: Elementary grammar and composition. Pronunciation stressed. About 100 pages of easy German should be read. 1 unit.

Second year: Oral and written drill on grammar and syntax. About 300 pages of modern German prose and verse. 1 unit.

c. **Spanish.**—First year: Elementary grammar, with the more common irregular verbs. Careful training in pronunciation. Reading of about 100 pages of simple prose. 1 unit.

Second year: Review of grammar. Elementary composition and conversation, stressing the use of idioms. Reading of 300 pages of easy prose. 1 unit.

d. **Greek.**—First year: Forms; elementary syntax, translation of simple Greek into English. 1 unit.

Second year: Syntax continued; Xenophon's Anabasis, Books I and II; prose composition. 1 unit.

e. **Latin.**—First year: Grammar; easy Latin translation; elementary syntax. 1 unit.

Second year: Grammar reviewed; Caesar, Books I, II, III; elementary prose composition. 1 unit.

Third and fourth years: Syntax; advanced prose composition; Caesar, Book IV; Cicero, Orations against Cataline; Virgil, (four books Aeneid). 1 to 2 units.

SCIENCES.

a. **Agriculture.**—Study of the basic principles of soils, field crops, animal husbandry, dairy husbandry, gardening, poultry, and plant growth. Evidence should be submitted that the candidate has had practical demonstration of the theoretical work taught in the class. 1 to 4 units.

b. **Botany.**—The candidate should be familiar with the general morphology and classification of seed plants as given in a standard text, and with types from the chief divisions of the plant kingdom. One-third to one-half of the total time should be devoted to laboratory work. ½ or 1 unit.

c. **Chemistry.**—A study of the elementary principles of inorganic chemistry. The laboratory work should occupy one-third to one-half of the total assignment. 1 unit.

d. **Physics.**—A study of the general principles of physical science, especially those of mechanics, heat, electricity, and magnetism. A standard text-book, supplemented by individual laboratory work, which should constitute one-third of the assignment. 1 unit.

e. **Physical Geography.**—The study of a standard text-book, without omissions; together with an approved laboratory and field course. ½ or 1 unit.

f. **Physiology.**—The elements of human physiology and hygiene as treated in a standard high school text-book. **1 unit.**

g. **Zoology.**—The study of types from the chief divisions of the animal kingdom, with some training in the underlying principles of morphology, physiology, and classification. Any standard text. One-third to one-half of the total assignment should be devoted to laboratory work. **½ to 1 unit.**

h. **General Science.**— **1 unit.**

BUSINESS SUBJECTS.

a. **Commercial Law.**—The work covered in any of the ordinary high school texts. **½ unit.**

b. **Business Arithmetic.**—A review of the elementary processes. A study of interest, commercial discount, bank discount, profit and loss, insurance, taxes, stocks and bonds. **½ unit.**

c. **Bookkeeping.**—A working knowledge of double entry for the simple lines of business. Study of commercial papers. Profit and loss statements and balance sheets. The submission of work done in high school is advised. **1 unit.**

d. **Stenography and Typewriting.**— **1 unit.**

MANUAL SUBJECTS.

a. **Manual Training.**—Work in the manual training department of a high school, adequately equipped, under a competent instructor. Thoroughness in all the processes should be required. **1 to 2 units.**

b. **Freehand Drawing.**— **½ unit.**

c. **Mechanical Drawing.**—The use of instruments, simple geometrical constructions, orthographic projection, and development of surfaces. **½ unit.**

The applicant should submit for examination the work in drawing that he has done.

APPROVED HIGH SCHOOLS, 1920

The following schools have been approved by the State Accrediting Commission, and are recognized as affiliated high schools so long as they maintain their efficiency.

State Accrediting Commission.—J. C. Fant, University, Chairman; Miss Nellie Keirn, State College for Women, Secretary; F. J. Weddell, A. and M. College; J. R. Lin, Millsaps College; D. J. Nelson, Mississippi College; L. B. Reid, Houston; W. H. Braden, Canton.

Aberdeen.
Ackerman.
Anguilla.
Amory.
Batesville.
Baldwyn.
Bay Springs A. H. S.
Bay St. Louis.
Belzoni.
Benton A. H. S.
Biloxi.
Biloxi (Sea Shore Camp Ground).
Blue Mountain (Mississippi Heights).
Booneville.
Brandon.
Brookhaven.
Brooklyn A. H. S.
Brooksville.
Buena Vista A. H. S.
Byhalia.
Calhoun City.
Camden A. H. S.
Canton.
Carrollton.
Centerville.
Charleston.
Charleston A. H. S.
Chatawa (St. Mary of the Pines).
Clara A. H. S.
Clarksdale.
Cleveland, A. H. S.
Cleveland.
Clinton.
Coffeeville.
Columbia.
Columbus (S. D. Lee High).
College Hill A. H. S. (P. O., Oxford).
Como.
Corinth.
Courtland A. H. S.
Crystal Springs.
Decatur, A. H. S.
Derma A. H. S.
D'Lo.
Drew.
Duck Hill.
Durant.
Ecru.
Ellisville A. H. S.
Eupora A. H. S.
Fayette.
Fernwood.
Florence.
Forest.
French Camp Academy.
Goodman A. H. S.
Greenville.
Greenville Academy.
Greenwood.
Grenada.
Gulfport.
Gulfport Military Academy.
Harpersville A. H. S.
Hattiesburg.
Hazlehurst.
Hermanville.
Hernando.
Hollandale.
Holly Springs.
Houston.
Indianola.
Itta Bena.
Iuka.
Jackson.
Kilmichael A. H. S.
Kosciusko.
Kossuth A. H. S.
Laurel.
Leland.
Lexington.
Liberty A. H. S.
Long View A. H. S.
Louin.
Louisville.
Lucedale.
Lumberton.
Maben.
Macon.
Madison.
Magee.
Magnolia.
Mashulaville A. H. S.
Mathiston (Bennett Academy).
McComb.
Mendenhall, A. H. S.
Meridian.
Meadville A. H. S.
Mize A. H. S.
Montrose (Mississippi Conference Training)
Moorhead A. H. S.
Morton.
Moss Point.
Mt. Olive.
Natchez.
Nettleton.
New Albany.
Newton.
Oakland A. H. S.
Okolona.
Olive Branch A. H. S.
Oxford.
Pascagoula.
Pass Christian.
Perkinston A. H. S.
Pheba A. H. S.
Philadelphia.
Pontotoc.
Poplarville A. H. S.
Port Gibson (Chamberlain-Hunt).
Prentiss.
Purvis A. H. S.
Raymond A. H. S.
Richton.
Ripley.
Ruleville.
Sardis.
Scooba A. H. S.
Senatobia A. H. S.
Senatobia.
Shannon.
Shelby.
Shuqualak.
Slayden A. H. S. (P. O. Lamar).
Starkville.
Summit.
Sumner.
Sumrall.
Terry.
Tishomingo A. H. S.
Tula.
Tunica A. H. S.
Tupelo.
Tupelo Military Institute.
Tylertown.
Union.
Union Church A. H. S.
Vaiden.
Verona.
Vicksburg.
Vicksburg (All Saints').
Vicksburg (St, Aloysius).
Washington (Jefferson College).
Water Valley.
Wesson, A. H. S.
West Point.
Wiggins.
Winona.
Woodville A. H. S.
Yazoo City.

THE SCHOOLS OF INSTRUCTION

SCHOOL OF AGRICULTURE.

DR. J. C. ROBERT, Director.
(Office, Room 206, Montgomery Building.)

This School offers its students a general education along industrial lines, thorough instruction in technical, agricultural sciences, and as far as possible the practical application of these sciences to farm life. Seven (7) courses are offered in the Agricultural School:

1. Four-year course in Agriculture leading to the degree of Bachelor of Science.
2. Graduate course in Agriculture, for the completion of which the degree of Master of Science in Agriculture (M. S. A.) is given.
3. Four-year course in Agricultural Engineering, for the completion of which is awarded the Bachelor of Science degree.
4. Two-year course in Agriculture upon the close of which a certificate is given.
5. Practical Agricultural course for disabled soldiers.
6. Farmers' short course in Agriculture.
7. Correspondence courses in Agriculture, especially adapted to farmers and public school teachers.

Four-Year Course in Agriculture.

The technical work outlined in this course is given by the following fifteen departments which comprise the School of Agriculture: Agronomy, Animal Husbandry, Agricultural Economics, Agricultural Engineering, Bacteriology, Botany and Forestry, Chemistry, Dairy Husbandry, Department of Short Courses, Geology, Horticulture, Poultry, Public Discourse, Veterinary Science, and Zoology and Entomology.

All students in this School take the same course of study until the junior year, when one course each term is elective. The winter and spring quarters of the senior year are devoted to special elective work. At the beginning of the fall quarter, senior year, students elect one of the departments of the School for special work, and under direction of the head of that department outline their schedules of study for the remaining quarters. The departments teaching those subjects most closely related to the student's elective course are selected for the additional work.

Students of this School will be graduated at the completion of 240 credit hours as outlined in the requirements for the Degree of Bachelor of Science given below. The average credit hours taken each quarter will be 20, the minimum 15, the maximum 25. No student whose average grade in any study for the previous quarter was below 70 will be allowed to take over 20 hours during any quarter.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicate the number of recitations a week. The second indicate the hours of laboratory. One credit for graduation is given for each two hours of laboratory:

Subject.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
FIRST YEAR.			
Agronomy, 1, 2, 3, 4		4-2	4-2
*Agricultural Engineering, 2	0-4	0-4	0-4
Animal Husbandry, 1, 2	3-2		
Botany, 1, 2, 3, 4, 5, 6	2-4	2-4	2-4
*Drawing, 60	0-4	0-4	0-4
English, 7, 9, 11	4-0	4-0	4-0
History, 1	3-0		
Physics, 1, 2, 3, 4		4-2	4-2
Poultry, 1, 2	1-2		
Military Science	1-2	1-2	1-2
Gymnasium	0-2	0-2	0-2
†Farm Woodwork, 10, 12	0-4	0-4	0-4
SECOND YEAR.			
Chemistry, 1, 4, 7, 10, 13, 16	4-4	4-4	4-4
Dairying, 1, 2	3-2		
English, 17, 19, 21	3-0	3-0	3-0
Farm Accounting, 5, 6		1-2	
Horticulture, 1, 2	2-2		
Agricultural Geology, 75, 14			3-2
Mathematics, 9		5-0	
Public Discourse, 15			3-0
Veterinary Medicine, 1			3-2
Zoology, 1, 2, 3, 4	2-4	2-4	
Military Science	1-2	1-2	1-2

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* Required one term. † Required two terms.

Subject.	Hours Per Week.		
THIRD YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Agricultural Engineering, 5, 6			2-4
Agronomy, 5, 6, 7, 8	4-2	4-2	
Animal Husbandry, 3, 4			4-2
Bacteriology, 1, 2	2-4		
Chemistry, 117, 120	4-4		
Dairying, 3, 4		4-3	
Entomology, 5, 6			4-6
Horticulture, 3, 4, or 5, 6		3-3	
*Elective	5-0	5-0	5-0
FOURTH YEAR.			
Agricultural Engineering, 9, 10	2-4		
Economic Entomology, 7, 8,	2-2		
Farm Management, 7, 8	2-2		
History (Economics, 1, 3)		3-0	3-0
Rural Economics, 15	3-0		
Veterinary Medicine, 5	2-2		
*Elective	4-0	17-0	17-0

Four-Year Course in Agricultural Engineering.

The great demand for agricultural engineers has resulted in the establishment of this course, which is specifically designed to prepare students for the many engineering problems found in connection with agricultural work.

Subject.	Hours Per Week.		
FIRST YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Agricultural Engineering, 2	0-4		
Agronomy, 1, 2, 3, 4		4-2	4-2
Animal Husbandry, 1, 2	3-2		
English, 7, 9, 11	4-0	4-0	4-0
Mathematics, 1, 5, 7	5-0	5-0	5-0
Drawing, 54, 90		0-6	0-6
Mechanical Engineering, 1, 2, 4, 6	1-4	0-6	0-6
Poultry, 1, 2	1-2		
Military Science	1-2	1-2	1-2
Gymnasium	0-2	0-2	0-2
SECOND YEAR.			
English, 17, 19, 21	3-0	3-0	3-0
Chemistry, 21, 24, 27, 30, 33, 36	3-3	3-3	2-4
Agricultural Engineering, 15, 16			1-2
Mechanical Engineering, 28, 30	0-3	0-3	
Mathematics, 13, 15, 17	5-0	5-0	5-0
Physics, 15, 16, 17, 18, 19, 20	4-4	4-4	4-4
Military Science	1-2	1-2	1-2

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* Education, Modern Language, Dairying, Horticulture, Agronomy, Rural Economics, Chemistry, Botany ,Veterinary Science, Animal Husbandry, Agricultural Engineering, Farm Management, English, Bacteriology, Military Science, Poultry, Mathematics, History, Geology, Public Discourse, Mechanical Engineering and Physics.

Subject. THIRD YEAR.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Agricultural Engineering, 17, 18, 13, 14, 5, 6	2-4	3-6	2-6
Agronomy, 7, 8		4-2	
Agricultural Geology, 75, 14			3-2
Civil Engineering, 1, 2, 7, 9	5-8		8-0
Dairying, 3, 4		4-3	
Mathematics, 19, 21	3-0	3-0	3-0
Mechanical Engineering, 36, 38, 40		0-6	0-6
Elective	4-0		
FOURTH YEAR.			
Agricultural Engineering, 27, 28, 25, 26, 35, 36	1-3	2-4	2-6
Civil Engineering, 11, 17, 19, 20, 25	9-0	1-6	2-3
History and Civics (Economics 5)		0-5	
Mechanical Engineering, 72	0-3		
Mathematics, 23	3-0	3-0	3-0
Farm Management, 7, 8	2-2		
Electives	2-0	5½-0	7½-0

The student should elect Agriculture or Engineering subjects.

Two-Year Course in Agriculture.

G. G. SNOW, Professor in Charge.

This course is designed to give, as far as possible, a working knowledge of the principles of agricultural science and practice to the young men who wish to become practical farmers and stockmen, and who cannot devote time to the high school branches and other college training. The work outlined below is of a more elementary nature than that of the four year course. These students spend the forenoon in the classroom and the afternoon under the supervision of the professors in the demonstration field plots, experimental fields, greenhouses, gardens, laboratories, dairy, and in studying the different breeds of horses, beef cattle, dairy cattle, sheep, poultry, and hogs. In this manner the fields and barns become laboratories of extensive and most practical investigation and observation. The splendid facilities of this College for practical instruction along agricultural lines are rarely duplicated. Every student is urged to complete the four-year course in Agriculture when possible to do so.

Requirements for admission to the Two-Year Course are that the students must be at least eighteen years of age, and have sufficient preparation to pursue the assigned work satisfactorily. Upon successfully completing the Two-Year Course in Agriculture outlined below a certificate of proficiency is granted. This course, however, does not lead to a degree. Its object is to give definite specific information that will be of immediate value on the farm:

	Hours Per Week.		
Subject. FIRST YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Agronomy, 23, 24, 25, 26	3-2		3-2
Animal Husbandry, 11, 12		3-2	
Bacteriology, 11		3-2	
English, 63, 65, 67	5-0	5-0	5-0
Botany and Forestry, 27, 28		3-2	
Dairying, 13, 14			3-4
Entomology, 25, 26	4-6		
Farm Machines, 7, 8			2-4
Farm Mathematics, 1, 3	2-0	2-0	
Markets, 13			3-0
Mechanical Engineering, 2	0-4		
Poultry, 9, 10		3-2	
Veterinary Science, 3	3-2		
Military Science	0-2	0-2	0-2
SECOND YEAR.			
Agronomy, 27, 28, 1, 2, 3, 4	3-2	4-2	4-2
Animal Husbandry, 13, 14, 15, 16		4-2	3-2
Dairying, 15, 16		3-4	
English, 69, 71, 73	5-0	5-0	5-0
Farm Chemistry, 169, 172	4-4		
Farm Management, 1, 2, 3, 4		3-2	3-2
Horticulture, 13, 14			3-4
Mechanical Engineering, 32		0-6	
Farm Drainage, 11, 12	2-4		
Military Science	0-2	0-2	0-2

Practical Agricultural Courses for Disabled Soldiers.

This course is the outgrowth of a demand for practical instruction for our disabled soldiers. It is the aim of this School to meet the demands of the individual case as far as practicable, and to give all of these soldiers instruction that will enable them to become better farmers and better citizens. At this date, February 5, four hundred and fifty-seven disabled soldiers have registered for these courses.

Among the subjects offered are Vocational English, Agricultural Mathematics, Industrial Geography, Civil Government, Soil Study, Field and Forage Crops, Fertilizers, Breeds of Animals, Feeding Animals, Animal Diseases, Farm Machines and Terracing, Gas Engines, Farm Tractors, the Home Garden and Orchard, Dairy Farming and Library Work. Soldier-students doing creditable work in these two courses may be advanced into the college classes under regulations governing the same.

Farmers' Short Course in Agriculture.

The object of this course is to give in the shortest possible time work that will be of practical value on the farm. This work does not give college credits. It is frequently referred to as the "citizen student course." It may be taken by any citizen of this State who is twenty-one years of age. Work given by the various departments of the School of Agriculture may be found by referring to the course of study of these departments.

Graduate Course in Agriculture.

The requirement for the Master's degree is satisfactory work continued through three quarters' resident study. This work may begin at the opening of any college quarter. We urge all qualified graduates to enter upon this post-graduate work at the earliest possible time.

Correspondence Course in Agriculture.

This course is designed to give in a brief but comprehensive manner a summary of the best thought along agricultural lines. Systematic study at home under direction of the heads of the College departments may accomplish much of practical value. This work represents an effort of the Agricultural School to be of service to those who for various reasons cannot attend College. **For details of this work see the Service Bureau.**

SCHOOL OF ENGINEERING.

DR. B. M. WALKER, Director.

(Office, Room 103, Lee Administration Building.)

The School of Engineering comprises the departments of Mathematics, Mechanical Engineering, Physics, Electrical Engineering, Civil Engineering and Drawing, Geology and Geography.

It offers in each of the great divisions of engineering—mechanical, electrical, civil—a thorough course of instruction in the scientific principles and an introduction to the practice of the profession. The work is mainly technical, requires preparation of a high order, and exhaustive effort in the courses themselves. Each course requires the completion of 240 course hours. (A course hour is one hour a week for one quarter), and leads to the degree of Bachelor of Science.

The work of the freshman and sophomore years is common to all students of this School, so that a choice among the different courses need not be made until the beginning of the junior year. The general objects of the several courses are, briefly, as follows:

The Course in Civil Engineering has for its object to impart as broad a scientific training as the length of the course and the essential studies will allow, and to afford the student an opportunity to specialize along some line in civil engineering. Strict emphasis is laid on work in surveying, geology, and field methods which is so valuable to young engineers; mechanics and its applications to the designs of roofs and bridges and other structures; railway engineering, railway location and construction, masonry construction and foundation, bridge design, water supply, and sanitary engineering.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

	Hours Per Week.		
Subject.	Fall Quarter.	Winter Quarter.	Spring Quarter.
FIRST YEAR.			
Mathematics, 1, 5, 7	5-0	5-0	5-0
Drawing, 52, 54, 90	0-6	0-6	0-6
Military Science	1-2	1-2	1-2
English, 1, 3, 5	5-0	5-0	5-0
History and Civics, 7, 9		3-0	4-0
Geology, 13, 14	4-2		
Mechanical Engineering, 1, 2, 4, 6, 8	1-4	0-6	0-6
Gymnasium	0-2	0-2	0-2
SECOND YEAR.			
Chemistry, 21, 24, 27, 30, 33, 36	3-3	3-3	2-4
Drawing, 50, 56, 58	0-4	0-4	0-2
Military Science	1-2	1-2	1-2
English, 23, 25, 27	3-0	3-0	3-0
Mechanical Engineering, 28, 30, 34	0-3	0-3	0-3
Mathematics, 13, 15, 17	5-0	5-0	5-0
Physics, 15, 16, 17, 18, 19, 20	4-4	4-4	4-4
THIRD YEAR.			
Civil Engineering, 1, 2, 5, 6, 7, 8, 9	5-8	4-8	8-6
English, 29, 31, 33	3-0	3-0	1-0
Geology, 115, 116, 117, 118, 159, 160	4-2	3-2	3-2
Mathematics, 19, 21	3-0	3-0	3-0
Mineralogy, 137, 138		1-4	
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0
FOURTH YEAR.			
Civil Engineering, 11, 15, 16, 17, 19, 20, 21, 23, 25, 27, 38, 39	12-7	9-11	10-9
Mechanical Engineering, 72	0-3		
History and Civics (Economics, 5)		5-0	
Mathematics, 23	3-0	3-0	3-0
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0

The Course in Electrical Engineering is designed to train the student in those fundamental principles of mechanics and electricity which form the basis on which the engineer must build, and to afford the student an opportunity for specialization in the electrical engineering profession. These students take the regular practical courses and shop work with the mechanical engineers and have special stress laid on a familiarity with power and light plants, the operation of direct and alternating current incandescent, arc, and power systems; the principles of alternating currents and machinery, the installation of electric light systems, power, use and transmission, and original research work in the electrical laboratory.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

Freshman and sophomore years the same as Civil Engineering.

Subject.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
THIRD YEAR.			
Electrical Engineering, 31, 32, 33, 34, 35, 37, 38	4-2	5-2	5-3
Physics, 21, 22	1-2		
Mechanical Engineering, 3, 5, 7, 9, 11, 13, 54, 56, 58	5-3	5-3	5-3
Machine Shop M. E. 42, 44, 46	0-3	0-3	0-3
Machine Drawing, M. E. 60, 62, 64	0-3	0-3	0-3
Mathematics, 19, 21	3-0	3-0	3-0
English, 29, 31, 33	3-0	3-0	1-0
Military Science (elective) or	2-3	2-3	2-3
Elective Instead of Military Science	3-0	3-0	3-0
FOURTH YEAR.			
Electrical Engineering, 13a, 14, 15a, 16, 17a, 18a, 43, 47, 49, 50, 55, 57, 59	7-6	7-6	7-6
Physics, 21, 22 (1920-1921 only)			1-2
Mechanical Engineering, 72	0-3		
Machine Shop, M. E. 50, 52		0-3	0-3
Engineering Design, M. E. 66, 68, 70	0-3	0-3	0-3
Civil Engineering, 3, 4, 11	5-0		2-3
Mathematics, 23	3-0	3-0	3-0
History and Civics (Economics 5)		5-0	
Military Science (elective) or	2-3	2-3	2-3
Elective Instead of Military Science	3-0	3-0	3-0

The Course in Mechanical Engineering is designed to train the student in those technical and scientific subjects in which the engineer must be well grounded, and to afford the student an opportunity to specialize in the direction of the mechanical engineering profession. Special stress is laid upon the preparation of the necessary working drawings, the manual training work in the wood shop, the work in the forge, foundry, and machine shops, and upon familiarity with the operations of power and electric light plants, the construction of power systems, and original research work in the mechanical laboratory.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

Freshman and Sophomore years the same as Civil Engineering.

Subject. THIRD YEAR.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Mechanical Engineering, 3, 5, 7, 9, 11, 13, 42, 44, 46, 54, 56, 58, 60, 62, 64	5-9	5-9	5-9
Electrical Engineering, 1, 2, 3, 4, 5, 6	5-3	5-3	5-3
English, 29, 31, 33	3-0	3-0	1-0
Mathematics, 19, 21	3-0	3-0	3-0
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0
FOURTH YEAR.			
Civil Engineering, 3, 4, 11	5-0		2-3
History and Civics (Economics, 5)		5-0	
Mathematics, 23	3-0	3-0	3-0
Engineering Chemistry, 175, 178, 182, 199, 202	4-3	0-3	2-3
Mechanical Engineering, 17, 19, 21, 23, 25, 27, 29, 31, 48, 50, 52, 66, 68, 70, 72, 74	7-9	7-9	9-9
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0

The Course in Internal Combustion Engineering is designed for the scientific and technical training of students in subjects related to modern engineering, also dealing directly and laying special stress on subjects employed in gas engineering. The student will get in addition to theoretical and laboratory work, actual experience in the construction, operation and repair of the various types of machines employing the gas engine as the source of power. Direct contact in the laboratory with the subjects studied will furnish the practical basis for work in this rapidly widening field.

These courses are at present distributed over the fall, winter, and spring quarters as given below. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

First and second years are the same as Civil Engineering.

Subject. THIRD YEAR.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Mathematics, 19, 21	3-0	3-0	3-0
Electrical Engineering, 1, 2, 3, 4, 5, 6	5-3	5-3	5-3
English, 29, 31, 33	3-0	3-0	1-0
Mechanical Engineering, 3, 5, 7, 9, 11, 13, 42, 44, 46, 54, 56, 58, 60, 62, 64	5-9	5-9	5-9
Internal Combustion Engineering, 27, 38, 39, 40, 41, 42	2-4	2-4	3-4
FOURTH YEAR.			
Mathematics, 23	3-0	3-0	3-0
Internal Combustion Engineering, 43, 44, 45, 46, 47, 48, 50, 52, 54, 56	5-8	5-8	5-8
Civil Engineering, 3, 4			2-3
Engineering Chemistry, 72, 175, 178, 182, 187, 190, 199, 202	2-6	3-8	3-8
Mechanical Engineering, 15, 48, 50, 52, 72, 74	0-4	0-4	0-4

The Course in Architectural Engineering has for its purpose the training of the student in those technical subjects relating directly to his profession along engineering lines, therby enabling him not only to plan and decorate buildings, but to choose their sites, calculate structural features and equip with proper heating, ventilating and lighting facilities. The general educational subjects required are the same as in the other engineering courses.

Architecture, the oldest constructive science, has always been classed as a fine art. As the physical properties of the various materials used for means of expression must be considered, practical and technical requirements closely connect architecture with the other branches of engineering.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

Freshman and Sophomore years the same as Civil Engineering.

Subject. THIRD YEAR.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Architectural Design, 2, 4, 6	0-6	0-6	0-6
History of Architecture, 1, 3, 5	3-0	3-0	3-0
Building Construction, Masonry, 11			4-0

	Hours Per Week.		
Subject. THIRD YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Charcoal Drawing, 8, 10, 12	0-3	0-3	0-3
Pen and Ink Rendering, 16, 18		0-3	0-3
Water Color Painting, 24			0-3
Mechanical Engineering, 9, 11, 54, 56	3-3	3-3	
Mechanics, 7			4-0
Electrical Illumination, 19	3-0		
Wiring for Light and Power, 21		3-0	
English, 29, 31, 33	3-0	3-0	1-0
Mathematics, 19, 21	3-0	3-0	3-0
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0
FOURTH YEAR.			
Architectural Design, 30, 32, 34	0-3	0-3	0-3
Building Construction (Carpentry) 31	3-0		
Principles of Business, 335	5-0		
History of Art, 45			4-0
Antique Drawing, 36, 38, 40	0-3	0-3	0-3
Pen and Ink Rendering, 42, 44, 46	0-3	0-3	0-3
Water Color Painting, 70, 72	0-3	0-3	
Structural Design, 22, 38		3-2	2-6
Masonry Construction, 39			3-0
Concrete Design, 25		2-3	
Mechanics of Materials, C. E. 15	5-0		
Surveying, C. E. 3 and 4			2-3
Heating and Ventilation, 17 Plumbing and Sanitation, 19		5-0	
Mathematics, 23	3-0	3-0	3-0
Military Science (elective) or	2-3	2-3	2-3
Elective	3-0	3-0	3-0

In addition to the technical training, all engineering students receive instruction in English, Chemistry, History, Civics, Political Economy, and Military Science and Tactics. A small amount of elective work is permitted.

In each of these courses a great deal of time is required for the practical work in the field, shops, and laboratories; but every engineer knows and appreciates full well the benefit of this training and experience. It is our aim to train our students to be independent and efficient workers and to adopt the methods of professional engineers. All engineering students are advised to spend their vacations in factories, repair shops, power, and electric light plants, and with engineering corps in the field, in order to obtain commercial experience, that they may better appreciate the relations of their technical training and actual work.

Special Courses.—Special courses are arranged in the School of Engineering to accommodate persons of mature years who desire to pursue some special line of engineering work without becoming a candidate for a degree.

Graduate Courses.—Advanced courses, open to graduates only, are offered by the several departments in the School of Engineering.

SCHOOL OF SCIENCE.

DR. W. F. HAND, Director.

(Office, Room 6, Chemistry Building.)

While one of the primary functions of this school is to supply the basic courses in science in the general scheme of industrial training offered by the institution, it presents opportunities for scientific work broader than this, and seeks to provide, through the privilege of election, a basis for other professional courses, as well as to supply the requirements of young men who aspire to careers as scientists, or who wish a general science training for other purposes.

The school itself embraces the departments of Bacteriology, Botany, Chemistry, Geology, Physics, and Zoology, The professor of Modern Languages has a seat also in its faculty. In each of the science departments, general and specialized courses of study are offered, and the student is limited in the selection of his undergraduate work only by the fundamental prescribed courses, and by general regulations designed to prevent the abuse of elective freedom.

The general purpose of the Science School has been briefly outlined. Through its opportunities, the work of the college is broadened. Students not wholly decided as to their life careers may pursue an undergraduate course of great value in almost any line of endeavor. With the progress of their studies they have the time and the opportunity of "finding themselves," of correcting mistakes of selection, and of giving a desirable bias to their college courses.

Students thinking of careers as scientists have the opportunity of making a very desirable beginning. The life of the science teacher and worker in colleges and universities is becoming very attractive through the improvement of conditions in academic affairs.

The application of science to industrial affairs creates also many openings for men of proper training. There are numerous positions for scientists also in the service of the Federal Government as well as that of cities and states. Pure and applied science offers so many opportunities that students of ability, character, and energy need have no fear concerning their success.

The degree of Bachelor of Science is conferred on completion of 240 credit hours. The prescribed courses of study require 120 credit hours, leaving, therefore, 120 credits to be selected by the student, who is expected to distribute his work in such a way that approximately 20 course hours (20 credits) may be taken each quarter. Students whose final standing in each subject in the previous quarter is seventy per cent or more are permitted to take a maximum of 25 credit hours.

The prescribed courses of study are shown in the following tabular statement: The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

Subject.	Hours Per Week. Fall Quarter.	 Winter Quarter.	 Spring Quarter.
FIRST YEAR.			
Botany, 1, 2, 3, 4, 5, 6	2-4	2-4	2-4
Drawing, 64, 66	0-4	0-4	
English, 7, 9, 11	4-0	4-0	4-0
Geology, 9, 10, 11, 12, 15, 16	4-2	4-2	2-6
Mathematics, 1, 3, 11	5-0	5-0	5-0
Military Science	1-2	1-2	1-2
Gymnasium	0-2	0-2	0-2
SECOND YEAR.			
Chemistry, 1, 6, 7, 10, 13, 18	4-6	4-4	4-2
English Composition, 23, 25, 21	3-0	3-0	3-0
Physics, 9, 10, 11, 12, 13, 14	4-4	4-6	4-2
Zoology, 1, 2, 3, 4, 5, 6	2-4	2-4	4-6
Military Science	1-2	1-2	1-2

The remaining two years are elective, subject to the following regulations:

Regulations Governing Electives.—For the purpose of simplifying administration and for the guidance of the student in the proper correlation of his studies, the Faculty has prescribed certain regulations with reference to the privilege of election. These are:

1. Students in the Science School shall take for credit toward graduation not less than 60 and not more than 70 credit hours in the following group of sciences: Bacteriology, Botany, Chemistry, Geology, Physics, Zoology.

(a). Students specializing in any one of the foregoing sciences shall take for credit toward graduation not less than 30 and not more than 50 credit hours in the major subject.

(b). Students not wishing to specialize in any one department of science shall take at least 20 course hours in each of two major subjects. The remainder of the time required for science subjects may be selected from the work offered by the departments of science mentioned in paragraph 1, but such students must not take less than 10 course hours in any one subject.

2. To complete his course, the student must select not less than 50 nor more than 60 course hours from the work offered in other departments of the college not included in the sciences mentioned in paragraph 1. These subjects of instruction shall be known as minor subjects. French, German, and Spanish shall be considered as separate subjects.

3. Students specializing under 1-a above shall take at least 20 course hours in one modern language.

4. No student is permitted to take more than 30 course hours in any minor (non-science) subject.

5. It is provided, however, that students desiring to pursue a more general course may take 85 non-science credits toward graduation, the election of these subjects being subject to the approval of the director and heads of departments interested.

6. No student shall be permitted in any case to take more than 25 course hours during one term.

7. No student shall take more than 20 course hours if his final standing the previous term in any one subject is less than 70 per cent.

8. No student shall be permitted to take less than 15 course hours in any term.

Advisers.—The heads of departments are expected to maintain an advisory control of the work of the students taking major courses with them. In this way the experience of the professors is brought to the aid of the undergraduate in the proper exercise of the freedom which the ambitious student in this school ought to enjoy.

Those who do not elect to mark out for themselves specialized courses of study may distribute their work among the departments of instruction in any way (in conformity with the regulations) thought most desirable. The Director or any member of the Science School Faculty is always glad to confer with such students in the spirit of helpful cooperation.

SCHOOL OF BUSINESS AND INDUSTRY.

JAMES V. BOWEN, Director.

(Office, Room 312, Lee Adminstration Building.)

Man can not live to himself alone. Long ago he ceased to be self-supporting. He has learned that the division of labor is the surest way of increasing his own productivity. "Cooperation" is the new watchword which points to economic efficiency.

But cooperation has made it necessary for every man, woman and child to know how to exchange the product of his own special effort for the specialized products of others. Each one of us must know the *Laws of Business.*

The skill and energy of the agriculturist or the engineer is dissipated unless he knows how to market his product efficiently and economically. He and you and I need to know how to keep track of income and outgo.

The merchant and his clerks need to know the fundamentals of business method and business policy. These are no longer haphazard rules of thumb. They have been charted and systematized. They can now be learned more quickly than in the old "School of Experience."

President James of the University of Illinois says: "The aim of commercial education . . . is to awaken a profound interest in business as such; to train youth to an appreciation of the functions of business and business practice in our modern life; to inform him as to the history of industry and trade; to awaken his interest in the future; to train him to keep his eyes open as to business possibilities; to inspire him with a healthy respect for business in all its various branches; to arouse a determination to become not only a successful business man in the ordinary sense of the term, but a useful one as well; to beget a public spirit; to excite an interest in the higher welfare of society; in a word, to become a public-spirited, intelligent, well-educated, and successful man of affairs."

It is strange that the business side of education has been so long neglected. There are over 30,000 men engaged in business in Mississippi alone, to say nothing of the farmers, lawyers, doctors, engineers, preachers, and housewives, who are entitled to training in this fundamental necessity. Men borrow money daily who cannot compute interest; men run business enterprises who have no knowledge of keeping their accounts, and yet such ignorance is at the bottom of much of the failure in life that we so much fear. *It is the duty of the state to furnish this training.*

In order to do its part, this college, in 1915, established a four year collegiate course in Business. It is intended to train citizens, providing them with the knowledge upon which to enter the field of business in our own state. It touches very lightly the problems of "Big Business," and in this regard it differs from courses in other colleges.

It proposes to furnish Business Training for Farmers, Merchants, Credit Men, Salesmen, Bankers, Secretaries of Civic Leagues, Teachers of Commercial and Vocational Subjects, Public Accountants, Journalists, Public Officials, Lawyers, and all who wish to know the fundamental principles upon which business is based.

Course of Study.

The course of study is four years in length and leads to the degree of Bachelor of Science. The work is partly required and partly elective, as follows:

BUSINESS AND INDUSTRY.

	Hours Per Week.		
Subjects: FIRST YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Commerce, 201, 202, 204, 206 (Book.)	2-10	3-4	3-4
Commerce, 323 (Salesmanship)			5-0
Geology, 19, 20		4-2	
Civics, 1		5-0	
English, 1, 3, 13	5-0	5-0	5-0
Mathematics, 1, 3	5-0		5-0
Commerce, 301 (Occupations)	3-0		

Subjects. SECOND YEAR.	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Commerce, 303, 305 (Business Law)....	5-0	5-0	
Commerce, 208 (Acc.)			3-4
Public Discourse, 3, 5, 17.............	5-0	5-0	5-0
History, 11	5-0		
Economics, 5, 7		5-0	5-0
Elective	5-0	5-0	5-0
THIRD YEAR.			
Modern Language	5-0	5-0	5-0
Elective	15-0	15-0	15-0
FOURTH YEAR.			
Elective	20-0	20-0	20-0

Elective courses shall be selected under the following conditions:

1. At least 20 hours shall be chosen in the field of Business, subject to the approval of the Director.

2. Before taking any electives the student shall choose a department in the school—(Commerce, Public Discourse, Languages, History and Civics) in which to take his major work, and in consultation with the head of that department, shall prepare a general outline of his elective work. This outline shall be filed with the Director of the School, and shall be subject to his approval. Changes other than those of detail shall be made only with the consent of the major professor and the director.

3. Forty hours shall be taken in a major department as named in Rule 2, and closely allied fields.

4. The remaining sixty hours may be taken as free electives, subject to Rule 2, and shall show a logical grouping.

Business students who expect to be public leaders should elect courses in Public Affairs (see index).

Those who expect to engage in **JOURNALISM**, should elect such courses as Public Discourse 9, **Editing**; 11, **Managing**; 31, **Community Service.**

Those who expect to engage in **PUBLIC LIFE**, should elect such courses as Public Discourse, 15, **The Public Meeting**; 21, **Debate**; 31, **Community Service.**

Those who expect to be **SECRETARIES** of Civic Leagues or Commercial Clubs should choose such courses as Public

Discourse 9, **Editing**; 15, **The Public Meeting**; 31, **Community Service.**

Short Courses.

Students desiring short courses in Bookkeeping, Shorthand and Typewriting, and Business Law, in combination with other business subjects, will find just what they want among the above courses. Special courses will be gladly arranged on consultation with the Director.

FOUR-YEAR COURSE IN EDUCATION.

DR. A. B. BUTTS, Professor in Charge.
(Office, Room 203, Lee Administration Building.)

The Department of Education and Sociology offers the degree of Bachelor of Science in Education. The purpose in the organization of the Department of Education and Sociology is primarily to train men for leadership and service in educational positions. Teaching is a profession, and the teacher should be professionally trained for his important duties. With the large liberty of election allowed in the course, one can plan his work definitely toward preparation for the different types of educational positions. By electing subjects chiefly of a literary nature during the third and fourth years, the student may take a course closely resembling an arts course, an opportunity which should be attractive to men who expect to take further studies in preparation for journalism, law, politics, and other public service employment.

Any student of the College, whether he be in the School of Agriculture, the School of Engineering, the School of Science, the School of Business and Industry, the Department of Agricultural Education, or the Department of Education and Sociology, whose course includes 27 hours (nine session hours) in Education, will be entitled upon graduation to receive from the State Board of Examiners without examination a state teachers' license which is valid for a period of three years, and on expiration is renewable by an attendance on an approved summer school, and when so renewed becomes valid for life.

To students who finish the Sophomore year, and whos course of study includes 18 hours (six session hours) i Education, the State Board of Examiners has authority t grant a State license, valid for two years, at the expiratio of which time the license may be renewed as other license are renewed.

Part of the work done in Education, to conform with th rules and regulations formulated by the State Board of Examiners under the law authorizing the issuance of Stat License to graduates of the College, is required and part is elective, as follows:

(1). Eighteen hours of work are required, which must include pure and applied psychology, theory and practice of teaching, history and science of education, and school management and supervision.

(2). Nine hours of work are elective and may be chosen from the following courses: Pure psychology, applied psychology, history and science of education, methods in special subjects, philosophy of education, principles of secondary education, principles of primary education, principles of industrial education.

Following are the requirements for graduation. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory:

Subject. FIRST YEAR.	Hours Per Week. Fall Quarter.	 Winter Quarter.	 Spring Quarter.
Civics, 1		5-0	
Drawing, 92	0-4		
Education, 37, 3	3-0		5-0
English, 1, 3, 5	5-0	5-0	5-0
Geology, 13, 14		4-2	
History, 17	5-0		
Manual Training, 18			0-10
Mathematics, 1, 3	5-0		5-0
Psychology, 1		5-0	
Gymnasium	0-2	0-2	0-2
Military Science	1-2	1-2	1-2
SECOND YEAR.			
English Literature, 15			5-0
History, 11, 13	5-0		5-0
Modern Language	5-0	5-0	5-0

Subjects. Second Year. (Continued.)	Hours Per Week. Fall Quarter.	Winter Quarter.	Spring Quarter.
Psychology, 5, 7	5-0	5-0	
Physics, 5, 6, 7, 8	4-2	4-2	
Public Discourse, 3, 17		5-0	5-0
Military Science	1-2	1-2	1-2
THIRD YEAR.			
Economics, 5		5-0	
Elective	20-0	15-0	20-0
FOURTH YEAR.			
Elective	20-0	20-0	20-0

Elective courses shall be selected under the following conditions:

1. Ten hours shall be chosen in field of education, including five hours practice teaching.

2. Each student shall prepare a general outline of his elective work, which shall be filed with the Professor of Education and Sociology and which shall be subject to his approval. Changes other than those of detail shall be made only with the consent of the Professor of Education and Sociology.

FOUR-YEAR COURSE IN AGRICULTURAL EDUCATION

T. B. MEADOWS, Professor in Charge.

(Office, Room 403, Lee Administration Building.)

The Department of Agricultural Education, in cooperation with the School of Agriculture and the Department of Education and Sociology, has been placed in full charge of the training of vocational teachers of agriculture.

This department offers the degree of Bachelor of Science in Agricultural Education. The aim in organizing these courses is to make a combination of agricultural instruction and method of teaching that will prepare students both technically and professionally for effective teaching in vocational schools of agriculture. This plan provides for excellent courses in agriculture, sciences, humanistic studies, and professional subjects.

Most of our agricultural schools are located in communities where the rural type of citizenship predominates. Probably the very best schools of this type will never have very expensive equipment. In many respects this is fortunate, for every rural community has excellent resources available for agricultural instruction. There is a great variety of farm buildings, crops, fruits, cows, horses, chickens, soils, and farms in every neighborhood for our teachers to use as a means of making our practical work function in real things of life. Teachers should spend a great deal of time allotted to the study of agriculture in the fields and barns of nearby farmers. Pupils should have an opportunity to judge livestock and poultry, to study methods of planting and harvesting field and orchard crops, to observe the systems of farm management and farm machinery in the local community.

In order for a teacher to be able to plan these outdoor laboratories and field trips, it is highly important that he be in sympathy with farm life. This department will not recommend a student for a degree who does not show evidence of such training and experience as will fit him for community service. Every applicant for a degree in Agricultural Education must have had at least two years of practical experience in farming. A part of this experience, however, in exceptional cases, may be gained after entering college.

The four year course outlined below is based on suggestions made by the Federal Board for Vocational Education, and it shows from analysis a division of time as follows: Agricultural studies, 38 per cent; Sciences, 28 per cent; Humanistic studies, 20 per cent; Professional work, 14 per cent.

The degree of B. S. in Agricultural Education will entitle the holder to a professional license to teach vocational agriculture in Mississippi.

These courses are at present distributed over the fall, winter, and spring quarters as given below. The first of each pair of figures under each quarter indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

	Hours Per Week.		
Subject. FIRST YEAR.	Fall Quarter.	Winter Quarter.	Spring Quarter.
Agronomy, 1, 2, 3, 4	0-0	4-2	4-2
Agricultural Engineering, 2	0-0	0-4	0-0
Animal Husbandry, 1, 2	3-2	0-0	0-0
Botany, 1, 2, 3, 4, 5, 6	2-4	2-4	2-4
Drawing, 60	0-4	0-0	0-0
English, 7, 9, 11	4-0	4-0	4-0
History, 1	3-0	0-0	0-0
Physics, 1, 2, 3, 4	0-0	4-2	4-2
Poultry, 1, 2	1-2	0-0	0-0
Military Science	1-2	1-2	1-2
Gymnasium	0-2	0-2	0-2
Farm Woodwork, 10, 12	0-0	0-4	0-4
SECOND YEAR.			
Chemistry, 1, 4, 7, 10, 13, 16	4-4	4-4	4-4
Dairying, 1, 2	3-2	0-0	0-0
English, 17, 19, 21	3-0	3-0	3-0
Farm Accounting, 5, 6	0-0	1-2	0-0
Horticulture, 1, 2	2-2	0-0	0-0
Agricultural Geology, 75, 14	0-0	0-0	3-2
Mathematics, 9	0-0	5-0	0-0
Agricultural Education, 1	0-0	0-0	3-0
Veterinary Medicine, 1	0-0	0-0	3-2
Zoology, 1, 2, 3, 4	2-4	2-4	0-0
Military Science	1-2	1-2	1-2
THIRD YEAR.			
Agricultural Engineering, 5, 6	2-4	0-0	0-0
Agronomy, 5, 6, 7, 8	4-2	4-2	0-0
Animal Husbandry, 3, 4	0-0	0-0	3-2
Dairying, 3, 4	0-0	4-3	0-0
Entomology, 5, 6	0-0	0-0	4-6
Principles of Rural Education, 35	0-0	0-0	3-0
Economics, 1, 3	0-0	3-0	3-0
Educational Psychology, 35	5-0	0-0	0-0
Agricultural Education, 3	0-0	4-0	0-0
Agricultural Education, 5	0-0	0-0	3-0
Chemistry, 117, 120	4-4	0-0	0-0
English, 35	0-0	3-0	0-0
FOURTH YEAR.			
Agricultural Engineering, 9, 10	2-4	0-0	0-0
Dairying, 5, 6	4-2	0-0	0-0
Farm Management, 7, 8	2-2	0-0	0-0
Agricultural Education, 9, 10, 11, 12, 13, 14	3-2	3-2	3-2
Total Required	16-0	4-0	4-0
Elective	4	16	16

Elective courses shall be subject to the approval of the Professor of Agricultural Education.

A total of at least 24 hours must be chosen from the following departments: Agronomy, Dairying, Animal Husbandry, Agricultural Engineering, Farm Management, Poultry, Horticulture. With the exception of three hours practice teaching, students will not be restricted for other electives.

FOUR-YEAR COURSE IN TRADE AND INDUSTRIAL EDUCATION.

M. D. BROADFOOT, Professor in Charge.

(Office, Room 101, Engineering Building.)

This course has been organized for the purpose of training teachers in the mechanics of teaching, especially those students who expect to enter the teaching profession in trade and industrial schools operating under the provisions of the Smith-Hughes Act, or for those students who desire to teach Manual Training in the high schools of the state. Students who take the teacher-training course will complete one of the engineering courses, taking in their elective time the courses offered in the Department of Trade and Industrial Education, which will be found in its alphabetical place in this catalog.

The Department of Trade and Industrial Education will also conduct teacher-training centers at such places in the state as desire it. These courses are designed to train teachers for part-time and evening classes operating under the provisions of the Smith-Hughes Act and will cover in general the following points:

1. Observation and practice teaching.
2. Trade analysis.
3. Theory of teaching trades.
4. Trade science.

These courses will be given in a series of 60 two-hour sessions held in the evening. The work will be similar in every way to the teacher training work given at the College except for time. The class will be open to all teachers engaged in teaching Federal aided classes or to those who desire to prepare for such work.

GRADUATION AND DEGREES.

The only honorary degree conferred is that of Master of Agriculture (M. A.) bestowed upon those who have attained eminent success in some branch of agriculture.

The degree of Bachelor of Science (B. Sc.) is conferred upon students who spend at least one year in resident study and complete the 240 course hours required in any one of the courses by passing all the required examinations.

The professional degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, will be conferred upon graduate students who complete satisfactorily the two years' course of study prescribed for the degree.

The degree of Master of Science (M. Sc.) will be conferred on any person who has taken the Bachelor's degree in this college or any other college with equivalent courses, who pursues and completes the graduate course prescribed and complies with the following requirements.

1. Candidates for the Master's degree shall matriculate as graduate students.

2.. Application for the degree shall be filed with the secretary of the faculty not later than one month after the beginning of the session.

3. Graduates of other colleges shall spend at least three quarters in resident study at this college; in the case of graduates from this college the foregoing residence requirements shall apply, except in cases where the faculty may permit the candidate, on the recommendation of the head of the department in which his major course lies, to do an equal amount of residence work in some other institution of like rank with this college.

4. Any student who desires to take a degree of Master of Science in Agriculture shall first be required to satisfy the requirements for the degree of Bachelor of Science in Agriculture.

5. The directors of the various schools of the College shall constitute a committee on graduate study and it shall be the duty of this committee to enforce the regulations of the faculty with regard to graduate work.

6. All candidates for the Master's degree shall be required to complete at least 60 credit hours with a grade of at least 80 in each subject, and not more than 25 hours may be completed in any one quarter.

7. The grades of all graduate students shall be recorded with the Registrar of the College, who shall also keep a record of the entrance credits and of the undergraduate work of each graduate student.

8. The candidate shall complete a major and a minor course of

his own selection, to be chosen in those departments which offer courses for the Master's degree. The minor course shall be selected subject to the approval of the head of the department in which the major course is taken, and shall occupy one-third the total time. If the student at any time changes his selection of a major department, the work already done in that department shall not be counted towards the Master's degree, unless approved by the head of the new major department.

9. The candidate shall have a reading knowledge of German, French, Spanish, or Latin, to be certified by the Department of Languages of this college, the choice to be approved by the head of the department in which the major work is taken.

10. The candidate shall submit to the head of the department in which his major work is taken at least three weeks before graduation, an acceptable graduation thesis on a subject of investigation or study in the department in which the major course is taken. The thesis shall be submitted to the Department of English for its approval at least two weeks before graduation. The thesis must conform to certain requirements, which will be indicated on application to the Registrar.

HONORS.

1. Graduates who shall complete 240 course hours with an average grade of 85 per cent; or who shall complete 240 course hours with no grade less than 80 per cent, shall be awarded a diploma inscribed "with Honors."

2. Graduates who complete 240 course hours with an average grade of 90 per cent; or who shall complete 240 course hours with no grade less than 85 per cent. shall be awarded a diploma inscribed "with Special Honors."

3. Graduates who shall complete 240 course hours with an average grade of 95 per cent; or who shall complete 240 course hours with no grade less than 90 per cent, shall be awarded a diploma inscribed "with Highest Honors."

4. In calculating averages, the credit hours for each course shall be multiplied by the final grade for that course, and the total averaged. In the fourth year, grades shall not include the last quarter's work.

5. Students entering with advanced standing shall count only the work done in this institution; and no student who has not been in residence here for at least six quarters shall be eligible for honors.

DESCRIPTION OF COURSES

The departments of the College are listed alphabetically below. Each course covers one quarter's work. Theory courses are given odd numbers; laboratory courses are given even numbers. Any course may be elected by a student, provided he has done the required prerequisite work, and secures permission of the head of the department.

The work is done in three quarters—Fall, Winter and Spring. Some departments offer courses in the Summer School. Many courses are given in more than one quarter. This is usually indicated. A special bulletin is issued showing more definitely than is done below what courses will be offered in the Summer School.

Credit is reckoned in **credit hours.** A credit hour is one recitation or two laboratory periods a week for one quarter. The recitation period is fifty minutes in length. Each recitation presupposes at least one and one-half hours preparation.

Courses announced below are planned for the session of 1920-1921, but the College reserves the right to omit or give them in different quarters as necessity may demand. New courses not here announced may also be given.

AGRICULTURAL ECONOMICS.

Professor ....

Markets and Rural Economics.

For Undergraduates.

13. **Elementary Studies in Cooperative Marketing.**—Winter quarter. Three credit hours. Required of first year students of the two-year course in Agriculture.

15. **Principles of Agricultural Economics.**—Applied to production and distribution of farm produce. Fall quarter. Three credit hours. Required of Agricultural Seniors.

17. **Marketing.**—By farmers and county agents, largely based on Mississippi conditions. Winter quarter. Three credit hours.

18. **Laboratory in Marketing.**—Practice in assorting, grading, and packing farm produce, grading livestock, etc. Winter quarter. Two credit hours.

19. **Cooperation.**—Spring quarter. Three credit hours.

21. **Country Life.**—Spring quarter. Three credit hours.

23. **Economic Relations of the Races in Southern Agriculture.**—Winter quarter. Three credit hours.

For Graduates.

105. **Land Tenure.**—Hours to be arranged.

107. **Economic History of Agriculture.**—Hours to be arranged.

109. **Agricultural Finance.**—Hours to be arranged.

Farm Management.

For Undergraduates.

1. **Principles of Farm Management.**—Winter quarter. Three hours. Required of second year students of the two-year course in Agriculture.

2. **Principles of Farm Management.—Laboratory.**—Winter quarter. Two hours. Required of second year students of the two-year course in Agriculture.

3. **Farm Accounts and Legal Papers.**—Spring quarter. Three hours. Required of second year students of the two-year course in Agriculture.

4. **Farm Accounts and Legal Papers.—Laboratory.**—Spring quarter. Two hours. Required of second year students of the two-year course in Agriculture.

5. **Farm Accounting.**—Winter quarter. One credit hour. Required of Agricultural Sophomores.

6. **Farm Accounting (Laboratory).**—Winter quarter. Two hours. Required of Agricultural Sophomores.

7. **Farm Organization.**—Fall quarter. Two credit hours. Required of Agricultural Seniors.

8. **Farm Organization (Laboratory).**—Visits to farms are made the basis of laboratory work. Fall quarter. Two hours. Required of Agricultural Seniors.

9. **Farm Management Surveys in Mississippi.**—Winter quarter. Three credit hours.

11. **Farm Law.**—Spring quarter. Three credit hours.

For Graduates.

101. **Seminar.**—Original investigations and preparation of scientific papers on special Farm Management problems. Hours and credits to be arranged.

103. **Accredited Relationship With Farmers.**—Any graduate of the college who has completed all undergraduate Farm Management courses, and who has had at least one year's actual farm experience, and who desires to secure more comprehensive training and experience, may arrange to work a year with successful progressive Mississippi farmers, for which he will be granted one-half year's credit toward a master's degree. The keeping of accurate data of the farm operations for the year and farms selected must be approved by the accredited farm relationship committee before the work begins.

AGRICULTURAL EDUCATION.

Professor Meadows; Associate Professor Branyon;
Assistant Professor and Critic Teacher Deen.

1. **Development of Secondary Vocational Education.**—A study of the purposes of vocational agriculture, of the type of agricultural schools, of work carried on by the Smith-Hughes Act. Three credit hours. Spring quarter. Required of Sophomores in Agricultural Education. Professors Meadows and Branyon.

3. **Administration of High School Agriculture.**—Place of agriculture in high school curriculum, source of securing charts, maps, and exhibit material, management of school farm, and other administration topics. Four credit hours. Winter quarter. Required of Agricultural Education Juniors. Professors Meadows and Branyon.

5. **Methods of Teaching Agriculture.**—(Prerequisite, Education 33.) Inductive and deductive methods of teaching Agriculture; the question method; the project method; courses of study for vocational schools of agriculture. Three credit hours. Spring quarter. Required of Agricultural Education Juniors.
Professors Meadows and Branyon.

7. **Practice Teaching in Agriculture.**—(Prerquisite to courses 1, 3, and 5.) Observation, lesson planning, and actual teaching; round table discussions and reports.
Professors Meadows, Branyon and Deen.

9. **Methods of Teaching Agriculture.**—(Prerequisite course 5 or Education 33.) Several sequences in teaching Agriculture; subject matter for each year of high school course. Supervised practice work. Three credit hours. Fall quarter. Required of Agricultural Education Seniors. Professors Meadows and Branyon.

10. **Laboratory Work for Course 9.**—One credit hour. Fall quarter. Required of Agricultural Education Seniors.

11. **Methods of Teaching Agriculture.**—(Prerequisite course 9 or Education 33.) A continuation of course 9. Method of keeping project work; planning class room and laboratory work in season; indoor laboratory work for winter months. Three credit hours. Winter quarter. Required of Agricultural Education Seniors.
Professors Meadows and Branyon.

12. **Laboratory Work for Course 11.**—One credit hour. Winter quarter.

13. **Methods of Teaching Agriculture.**—(Prerequisite course 5, 9, or 11, or Education 33.) Planning lessons, laboratory for the spring term in high schools; field trips; supervising projects on the school farm. Three credit hours. Spring quarter. Required of Agricultural Education Seniors. Professors Meadows and Branyon.

14. **Laboratory for 13.**—One credit hour. Spring quarter.

AGRICULTURAL ENGINEERING.

Professor Gross; Associate Professor DeForrest; Mr. Carter;
Mr. Brumby; Mr. Houston.

1. **Farm Mathematics.**—Problems such as the average farmer meets. Two credit hours. Fall quarter. Required first year, two-year Agriculture.

3. **Farm Mathematics.**—(Prerequisite Agricultural Engineering 1.) A continuation of Agricultural Engineering 1. Two credit hours. Winter quarter. Required first year, two-year Agriculture.

7. **Farm Machinery.**—A study of machinery used on the farm, tillage, seeding, harvesting, threshing, pumping, etc. The object is to acquaint the student as far as possible with design, construction, and operation of this machinery. Two credit hours. Spring quarter. Required first year, two-year Agriculture.

8. **Farm Machinery Laboratory** (Accompanying Agricultural Engineering 7.)—Comparative study of implements as to strength, workmanship, and adaptability. Four hours. Spring quarter. Required first year, two-year Agriculture.

11. **Farm Drainage** (Prerequisite Agricultural Engineering 1 and 3.)—Various forms of land drainage, together with use of level and tape. Two credit hours. Fall quarter. Required second year, two-year Agriculture.

12. **Farm Drainage Laboratory** (Accompanying Agricultural Engineering 11.)—Practical work in the use of level and tape and laying out of drainage systems. Four hours. Fall quarter. Required second year, two-year Agriculture.

2. **Farm Mechanics.**—Practical instruction in rope tying, splicing, belt lacing, repair of harness, soldering, pipe fitting, and babbiting. Four hours laboratory. Each quarter. Required, Agricultural, Agricultural Engineering, and Agricultural Education Freshmen.

5. **Farm Machinery.**—This course embraces the study of machinery used on the farm, tillage, harvesting, threshing, pumping, etc. The object is to acquaint the student with the design, construction, and operation of machinery used on the farm. Two credit hours. Fall and Spring quarters. Required, Agricultural, Agricultural Engineering, and Agricultural Education Juniors.

6. **Farm Machinery Laboratory** (Accompanying Agricultural Engineering 5.)—A comparative study is made of implements, as to their strength, workmanship, and general adaptability. Four hours. Fall and Spring quarters. Required, Agricultural, Agricultural Engineering, and Agricultural Education Juniors.

9. **Agricultural Surveying and Drainage** (Prerequisite, Mathematics 9.)—Farm surveying, land drainage, such as open ditches, terracing, tile drains, etc. Two credit hours. Fall quarter. Required Agricultural and Agricultural Education Seniors.

10. **Agricultural Surveying and Drainage Laboratory** (Accompanying Agricultural Engineering 9.)—Surveys of parts of the farm with tape and levels, computation of area, map making, and tile laying. Four hours. Fall quarter. Required Agricultural and Agricultural Education Seniors.

13. **Farm Buildings.**—Their arrangement, location, structure, ventilation, lighting, and cost. Three credit hours. Winter quarter. Required Agricultural Engineering Juniors.

14. **Farm Building Laboratory** (Accompanying Agricultural Engineering 13.)—Designing, drawing, and making bill of material for various farm buildings. Six hours. Winter quarter. Required Agricultural Engineering Juniors.

15. **Concrete Construction.**—A working knowledge of the selection of materials used for concrete and the proper mixing, placing, and curing of concrete. Spring quarter. One credit hour. Required of Agricultural Engineering Sophomores.

16. **Concrete Construction Laboratory** (Accompanying Agricultural Engineering 15).—Examination of materials used for concrete, and the mixing, placing, and curing of some concrete in such structures as are found on the farm. Two hours. Spring quarter. Required of Agricultural Engineering Sophomores.

17. **Farm Motors** (Prerequisite, Physics 1, 2, 3, 4.)—Theory and

practice of farm motors, with particular emphasis on the gas engine. Two credit hours. Each quarter. Required of Agricultural Engineering Juniors.

18. **Farm Motors Laboratory** (Accompanying Agricutural Engineering 17.)—Operating and testing various farm gas engines. Four hours. Each quarter. Required Agricultural Engineering Juniors.

19. **Road Construction.**—Kind of roads, construction, and maintenance. One credit hour. Spring quarter.

20. **Road Construction Laboratory** (Accompanying Agricultural Engineering 19.)—Study of conveniently located roads. Two hours. Spring quarter.

21. **Spraying Machinery.**—Construction and operation of pumps and spraying machinery. One credit hour. Fall quarter.

22. **Spraying Machinery Laboratory** (Accompanying Agricultural Engineering 21.)—Inspection, operation, and testing of sprays and pumps. Two hours. Fall quarter.

23. **Research** (Prerequisite Agricultural Engineering 2, 5, 6, 9, 10.)—In any of the subjects taught in Agricultural Engineering in which the student is prepared to do research work. Two to four credit hours. Any quarter.

25. **Advanced Farm Motors** (Prerequisite Agricutural Engineering 17, 18.)—A continuation of the study of farm motors as given in Agricultural Engineering 17. Two credit hours. Spring quarter. Required Agricultural Engineering Seniors.

26. **Advanced Farm Motors Laboratory** (Prerequisite Agricultural Engineering 17, 18).—A continuation of the study of farm motors as given in Agricultural Engineering 18. Four hours. Spring quarter. Required Agricultural Engineering Seniors.

27. **Tractors** (Prerequisite Agricultural Engineering 17, 18.)—Theory and practice of the gas tractor. Special emphasis is given to the operation, repair, and adjustment of the tractor under farm conditions. One credit hour. Each quarter. Required Agricultural Engineering Seniors.

28. **Tractors Laboratory** (Accompanying Agricultural Engineering 27.)—Field and laboratory practice with the tractors. Three hours. Each quarter. Required Agricultural Engineering Seniors.

31. **Advanced Agricultural Engineering.**—Graduate major or minor course; reading discussion of books and other literature dealing with Agricultural Engineering. Four to six credit hours. Any quarter. Required of all postgraduate students electing work in Agricultural Engineering.

32. **Advanced Agricultural Engineering Laboratory.**—Advanced problems and exercises. Six credit hours. Any quarter. Required of all postgraduates majoring in Agricultural Engineering.

33. **Thesis.**—The result of some special investigation work done by the student. Three credit hours. Any quarter. Required of all graduate students majoring in Agricultural Engineering.

34. **Advanced Agricultural Engineering Laboratory.**—A series of advanced problems and exercises. Six credit hours. Any quarter. Required of all postgraduate students majoring in Agricultural Engineering.

35. **Drainage Engineering.**—Land drainage such as open ditches,

terracing, and tile drains. Two credit hours. Spring quarter. Required Agricultural Engineering Seniors.

36. **Drainage Engineering Laboratory** (Accompanying Agricultural Engineering 35).—Drainage surveys and problems in designs of drainage systems. Six hours. Spring quarter. Required Agricultural Engineering Seniors.

Auto Mechanics.

37. **Elementary Gas Engines.**—Fundamental principles of the gas engine cycle, general construction and various types employed in different fields requiring gas engine power. Two credit hours. Fall quarter.

38. **Elementary Gas Engines Laboratory** (Accompanying course 37).—Four hours.

39. **Applied Gas Engines.**—Application of gas engines to the different machines requiring gas engine for power. Two credit hours. Winter quarter.

40. **Applied Gas Engines Laboratory** (Accompanying course 39.) —Four hours.

41. **Automobile, Tractor, Truck, and Airplane Construction.**—Three credit hours. Spring quarter.

42. **Automobile, Tractor, Truck, and Airplane Construction Laboratory** (Accompanying course 41.)—Four hours.

43, 45, 47. **Gas Engine Theory and Design.**—Construction of gas engine and parts, valve action, gas molecular theories, balancing, and the design of gas engines to obtain efficiency, durability, strength, light weight, etc. Three credit hours each quarter. Fall, Winter, and Spring quarters.

44, 46. **Composition and Heat Treatment of Iron, Aluminum, and Steel Alloys.**—Crystal formation of these alloys at different temperatures; the hardness of such alloys by employing various methods of heat treatment; grades and treatment of steels and iron for different uses. Two hours laboratory each quarter. Fall and Winter quarters.

48, 50. **Inspection of Gas Engines and Various Machines Which They Propel.**—Final repairs. Four hours laboratory each quarter. Fall and Winter quarters.

52. **Dynamometer Testing of Gas Engines.**—Testing and experimenting with gas engines of various types and manufacture to obtain gasoline consumption characteristics, valve and piston actions, power characteristics, and general efficiency characteristics. Eight hours laboratory. Spring quarter.

54, 56. **Gears and Gearing.**—Two hours laboratory each quarter. Fall and Winter quarters.

AGRONOMY.

Professor Robert; Associate Professor Snow; Mr. Cork; Mr. Gracy.

1. **Field Crops.**—Winter quarter; four credits. Required first year Agriculture, and two-year Agriculture.

2. **Field Crops Laboratory.**—Winter quarter; one credit.

3. **Soils.**—Spring quarter; four credits. Required first year Agriculture, and two-year Agriculture.

4. **Soils Laboratory.**—Spring quarter; one credit.

5. **Forage Crops** (Prerequisites, Courses 1, 2, 3, 4.)—Fall quarter; four credits. Required third-year Agriculture.

6. **Forage Crops Laboratory.**—Fall quarter; one credit.

7. **Soil Management** (Prerequisites, Courses 3, 4; Inorganic and Organic Chemistry.)—Winter quarter; four credits. Required third-year Agriculture.

8. **Soil Management Laboratory.**—Winter quarter; one credit.
9. **Fibre Crops** (Prerequistes, Courses 1, 2, 3, 4.)—Fall quarter, four credits. Elective.

10. **Fibre Crops Laboratory.**—Fall quarter; one credit.

11. **Seed Selection and Improvement** (Prerequistes, Courses 1, 2, 3, 4, 5, and 6.)—Winter quarter; four credits. Elective.

12. **Seed Selection Laboratory.**—Winter quarter; one credit.

13. **Grain Crops** (Prerequisites, Courses 1, 2, 3, 4, 5, 6.)—Spring quarter; four credits. Elective.

14. **Grain Crops Laboratory.**—Spring quarter; one credit.

15. **Farm Manures** (Prerequisites, Courses 1, 2, 3, 4, 5, 6, 7, and 8.)—Fall quarter; three credits. Elective.

16. **Farm Manures Laboratory.**—Fall quarter; one credit.

17. **Soil Fertility and Permanent Agriculture** (Prerequisites, Courses 1, 2, 3 4, 5, 6, 7, and 8.)—Winter quarter; three credits. Elective.

18. **Soil Fertility and Permanent Agriculture Laboratory.**—Winter quarter; one credit.

19. **Plant Breeding** (Prerequisites, Courses 1, 2, and Agricultural Botany.)—Spring quarter; three credits. Elective.

20. **Plant Breeding Laboratory.**—Spring quarter; one credit.

21. **Meadows and Pastures** (Prerequisites, Courses 1, 2, 5, and 6). —Spring quarter; three credits. Elective.

22. **Meadows and Pastures Laboratory.**—Spring quarter; one credit.

23. **First Principles of Soil Fertility.**—Fall quarter. Three credits. Required first year two-year Agriculture.

24. **First Principles of Soil Fertility Laboratory.**—Fall quarter; one credit.

25. **Elements of Agriculture.**—Spring quarter; three credits.

26. **Elements of Agriculture Laboratory.**—Spring quarter; one credit.

27. **Forage Crops.**—Fall quarter; three credits. Required second year two-year Agriculture.

28. **Forage Crops Laboratory.**—Fall quarter; one credit.

29. **Graduate Minor Course in Agronomy.**—At least one-third of the year's resident work is in this department. The completion of

the work will require the equivalent of about seven course hours of postgraduate work per quarter exclusive of laboratory and field work, and other agricultural readings. Upon completion of each subject assigned, the student will arrange with the head of the department for a written examination. Students are urged to confer freely with the head of the department regarding their text-book and library work. The practical work of this course consists in demonstration field plat work, and the cultivation, harvesting, and mounting of the more common grain crops, clovers, and grasses. The student is required to make crosses of common field crops and laboratory collection of the same.

30. **Graduate Major Course in Agronomy.**—Detailed studies of soils, plant food, and field corps. For the completion of this work the equivalent of not less than fourteen course hours of postgraduate work per quarter, exclusive of thesis, laboratory, field work, and assignment bulletins, current literature and other agricultural readings will be required. The subject of the thesis must be approved not later than the beginning of the second quarter, and should occupy at least one-half the student's time during the second and third quarters. Each candidate for the Master's degree will be required to make and deliver to the Department of Agronomy not less than one hundred hybrids of the more common field crops, and to complete such pot cultures and demonstration plat work as will be outlined. The details of all practical work in the green-house, laboratory, and demonstration plats are to be neatly compiled and turned over to this department with the thesis. Upon the completion of each text the student will stand a written and oral examination on the subject covered.

ANIMAL HUSBANDRY.

Professor Barnett; Mr. McClure.

1. **Types and Breeds.**—This course consists of a study of the history, origin, breed characteristics of the various breeds of horses, cattle, sheep, and hogs. Fall quarter. Three credit hours. Required first-year Agriculture.

2. **Laboratory in Conjunction with Course 1.**—In this course the student becomes practiced in the judging of farm animals by the score card method. Two hours.

3. **Feeds and Feeding.**—This course deals briefly with the composition of feed stuffs, the varying requirements of the different farm animals, and the factors that determine the relative value of feed stuffs with special reference to home-grown feeds. Spring quarter. Four credit hours. Required third-year Agriculture.

4. **Laboratory in Conjunction with Course 3.**—In this course the student is required to formulate rations for different purposes and conforming to the recognized feeding standards. Two hours.

5. **Principles of Breeding** (Prerequisites, Courses 1 and 2.)—This course includes a study of the development of the germ cell; influence of heredity and variation; methods of breeding; etc. Elective Spring quarter. Five credit hours.

6. **Laboratory in Conjunction with Course 5.**—Tracing pedigrees and judging sires. Two hours.

7. **Comparative Judging** (Prerequisites, Courses 1 and 2.)—This

course is designed to give the student proficiency in the selection of breeding animals and fitting him to act as judge at public stock shows. Elective. Winter quarter. Two credit hours in class room and four hours practical work in actual judging.

9. **Beef and Hog Production** (Prequisites, Courses 3 and 4.)—In this course the student is made familiar with the market classes of cattle and hogs, and the relative value of various combinations of feeds for special purposes. Elective. Winter quarter. Four credit hours.

10. **Laboratory Course in Conjunction with Course 9.**—The student in this course is required to formulate rations and plans for practical use on the farm and to keep records of feeding work in progress at the College Farm. Two hours.

11. **Breeds and Classes of Live Stock.**—This is similar to Course 1, but more elementary and adapted for Short Course students. Three credit hours. Winter quarter.

12. **Laboratory in Conjunction with Course 11.**—Score card work, Two hours.

13. **Feeding Farm Animals.**—Similar to Course 3, but more elementary and adapted to Short Course students. Three credit hours. Winter quarter.

14. **Laboratory in Connection with Course 13.**—Winter quarter. Two hours.

15. **Breeding and Management.**—An elementary course in methods of breeding and handling the herd. For Short Course students. Spring quarter. Three credit hours.

16. **Laboratory in Connection with Course 14.**—Tracing pedigrees and judging sires. Two hours.

ARCHITECTURAL ENGINEERING AND DRAWING.

Professor Freeman; Assistant Professor ———.

52. **Freehand Drawing.**—Required first year Engineering. Six hours. Fall quarter.

54. **Mechanical Sketching.**—Required first year Engineering. Six hours. Winter quarter.

90. **Mechanical Drawing.**—Required first year Engineering. Six hours. Spring quarter.

50. **Mechanical Drawing** (Prerequisite, Drawing 90.)—Required second year Engineering. Four hours. Fall quarter.

56. **Machine Drawing** (Prerequisite, Drawing 90).—Required second year Engineering. Four hours. Winter quarter.

58. **Detail and Assembly Drawing.**—(Prerequisite, Drawing 90 and 50.)—Required second year Engineering. Two hours. Spring quarter.

60. **Mechanical Drawing.**—Required first year Agriculture. Four hours. Fall, Winter, or Spring quarter.

92. **Blackboard Illustrating.**—Required first year Education and Sociology. Four hours. Fall quarter.

64. **Freehand Drawing.**—Required first year General Science. Four hours. Fall quarter.

66. **Mechanical Sketching.**—Required first year General Science. Four hours. Winter quarter.

2, 4, 6. **Architectural Design** (Prerequisite, Drawing 90).—Required third year Architectural Engineering. Six hours each quarter. Fall, Winter, and Spring quarters.

1, 3, 5. **History of Architecture,**—Required third year Architectural Engineering. Three credit hours each quarter. Fall, Winter and Spring quarters.

11. **Building Construction (Masonry).**—Required third year Architectural Engineering. Four credit hours. Spring quarter.

8, 10, 12. **Charcoal Drawing** (Prerequisite, Drawing 52.)—Required third year Architectural Engineering. Three credit hours each quarter. Fall, Winter, and Spring quarters.

16, 18. **Pen and Ink Rendering** (Prerequisite, Drawing 52.)—Required third year Architectural Engineering. Three credit hours each quarter. Winter and Spring quarters.

24. **Water Color Painting** (Prerequisite, Drawing 52.)—Required third year Architectural Engineering. Spring quarter.

30, 32, 34. **Architectural Design** (Prerequisite Architecture 2, 4, 6.)—Required fourth year Architectural Engineering. Three hours each quarter. Fall, Winter and Spring quarters.

31. **Building Construction (Carpentry).**—Required fourth year Architectural Engineering. Three credit hours. Fall quarter.

45. **History of Art.**—Required fourth year Architectural Engineering. Four credit hours. Spring quarter.

36, 38, 40. **Antique Drawing** (Prerequisites, Drawing 52, Architecture 8, 10, 12.)—Required fourth year Architectural Engineering. Three hours each quarter. Fall, Winter, and Spring quarters.

42, 44, 46. **Pen and Ink Rendering** (Prerequisite, Drawing 52, Architecture 16, 18.)—Required fourth year Architectural Engineering. Three hours each quarter. Fall, Winter, and Spring quarters.

70, 72. **Water Color Painting** (Prerequisite Drawing 52, Architecture 24.)—Required fourth year Architectural Engineering. Three hours each quarter. Fall and Winter quarters.

BACTERIOLOGY.

Professor Briscoe; Assistant Professor Harned.

1. General Bacteriology (Prerequisite, one term in Botany, Chemistry, and Zoology.)—Fall quarter. Two credit hours. Required third year Agriculture.

2. General Bacteriology (Laboratory).—To accompany Bacteriology 1, and to be taken at the same time. Four hours.

3. Soil Bacteriology (Prerequisite, Bacteriology 1.)—Spring quarter. One credit hour.

4. Soil Bacteriology (Laboratory).—To accompany Bacteriology 3. Three hours.

5. **Dairy Bacteriology** (Prerequisite, Bacteriology 1.)—One credit hour. Spring quarter.

6. **Dairy Bacteriology** (Laboratory).—To accompany Bacteriology 5. Three hours.

7. **Veterinary Bacteriology** (Prerequisite, Bacteriology 1).—Winter quarter. Two credit hours.

8. **Veterinary Bacteriology** (Laboratory).—Accompanying Bacteriology 7. Six hours.

9. **Sanitary Bacteriology** (Prerequisite, Bacteriology 1).—Winter quarter. One credit hour.

10. **Sanitary Bacteriology** (Laboratory.)—Prerequisite, time and requirements as for Bacteriology 9.

11. **Elementary Bacteriology.**—Winter quarter. Three credit hours, and two hours demonstration. Required first year two-year Agriculture.

13. **Graduate Work.**—This work is arranged with each student individually. Hours and credits to be arranged. Either minor or major work may be taken. Laboratories open from 8:00 a. m. to 5:00 p. m.

14. **Household Bacteriology.**—Twelve lectures given in the bacteriology of the household. Special attention is given to bacteria in filth, food, and water. One hour.

BOTANY AND FORESTRY.

Professor Beal; Assistant Professor McKee; Mr. Tims.

1. **Structural and Physiological Botany.**—Gross and microscopical structure of roots, stems, leaves, flowers, and fruits of flowering plants, with emphasis on the physiological processes of plant life. Fall quarter. Two credit hours. Required first year Agriculture and Science.
Professor Beal and Messrs. McKee and Tims.

2. **Structural and Physiological Botany.**—To accompany Course 1. Four hours laboratory.

3. **Morphology of the Lower Plants.**—Representative groups illustrating evolution of plants; structure and reproduction. In the study of fungi some idea will be given of their relation to plant diseases. Winter quarter. Two credit hours. Required first year Agriculture and Science. Professor Beal and Messrs. McKee and Tims.

4. **Morphology.**—To accompany Course 3. Four hours laboratory.

5. **Morpholgy, Taxonomy, and Ecology of the Spermatophytes.**—Prerequisite, Course 3. An outline of the life history of the seed plants and the groups into which they are divided. About fifty common plants are collected and identified. Spring quarter. Two credit hours. Required first year Agriculture and Science.
Professor Beal and Messrs. McKee and Tims.

6. **Morphology.**—To accompany Course 5. Four hours laboratory.

7. **General Botany.**—A brief survey of the plant kingdom, with emphasis on the seed plants, including instruction in the use of a manual in identifying plants. Spring quarter. Three credit hours.
Mr. McKee.

8. **General Botany.**—To accompany Course 7. Four hours laboratory.

9. **Plant Diseases.**—Prerequisite, Course 3. Fungus and bacterial diseases of economic plants, with methods of control. Fall quarter. Two credit hours. Professor Beal.

10. **Plant Diseases.**—To accompany Course 9. Four hours laboratory.

11. **Advanced Plant Diseases.**—Prerequisite, Course 5. A continuation of Course 9, but more technical in character. Emphasis is placed on the literature dealing with the subject, and on methods of isolating and growing pathogenic fungi under laboratory conditions. Spring quarter. Two credit hours. Professor Beal.

12. **Advanced Plant Diseases.**—To accompany Course 11. Four hours laboratory.

13. **Farm Forestry.**—Relations of forests to Agriculture. The farm wood-lot; collection and planting of forest seeds; tree planting for timber; importance of the forest industries of the State and Nation. Fall quarter. Three credit hours. Mr. McKee.

14. **Farm Forestry.**—To accompany Course 13. Two hours laboratory and field.

15. **Ecology of Plants.**—Prerequisite, Course 5. Effects of environment upon plant growth; effects of soil, moisture, heat, altitude, latitude, and plant associations on the form, structure and usefulness of the individual plant. Fall quarter. Two credit hours.
Professor Beal.

16. **Ecology.**—To accompany Course 15. Two hours laboratory and field.

17. **Taxonomy of the Higher Plants.**—Prerequisite, Course 5. Study of seed plants with special reference to morphology, habitat, identification, and range of species, and with special reference to local flora. Spring quarter. Two credit hours.
Professor Beal and Mr. McKee.

18. **Taxonomy.**—To accompany Course 17. Six hours laboratory and field.

19. **Dendrology.**—Prerequisites, Courses 5 and 13. A biological and taxonomic study of trees and shrubs, native and cultivated. Fall or Spring quarter. One credit hour. Professor Beal.

20. **Dendrology.**—To accompany Course 19. Four hours laboratory and field.

21. **Cytology and Embryology.**—Prerequisite, Course 5. The vegetable cell, its multiplication and contents; practical application of modern methods in a study of nuclear and cell division. Study of the embryology of angiosperms; introduction to methods of investigation. Winter quarter. Two credit hours. Professor Beal.

22. **Cytology.**—To accompany Course 21. Six hours laboratory.

23. **Histology.**—Structure and development of the tissues of higher plants. Winter quarter. One credit hour. Professor Beal.

24. **Histology.**—To accompany Course 23. Six hours laboratory.

25. **Weeds.**—Prerequisite, Course 5. Important farm and garden weeds occurring in Mississippi; methods of introduction, and means of control. Winter quarter. One credit hour. Professor Beal.

26. **Weeds.**—To accompany Course 25. Two hours laboratory.

27. **Agricultural Botany.**—A brief course in elementary botany for students who have not had the advantages of high school training and who expect to engage in farming. Winter quarter. Three credit hours. Required first year in the two-year course in Agriculture.
Professor Beal and Mr. Tims.

28. **Agricultural Botany.**—To accompany Course 27. Two hours laboratory.

Advanced Work in Botany.—In addition to the courses offered above to undergraduate students, the Department offers more advanced work, as a major or minor, leading to the degree of M. Sc. The nature and scope of the work will be arranged by special consultation with the student.

CHEMISTRY.

Professor Hand; Professor Smith; Mr. Solomon; Mr. Carroll;
Mr. Sandiford; Mr. McCarty.

General Inorganic and Physical Chemistry.

1. **General Inorganic Chemistry.**—The fundamental principles of chemistry, including descriptive chemistry, of the non-metallic elements and compounds. Should be preceded by high school or college physics. Course 4 to be taken at the same time. Four credit hours. Required in the Schools of Agriculture and Science.

4. **General Inorganic Chemistry Laboratory.**—A course of experimentation and general laboratory study of inorganic chemistry. Four hours. Required in School of Agriculture.

6. **General Inorganic Chemistry Laboratory.**—Designed to accompany 1. Six hours. Required in School of Science.

7. **General Inorganic Chemistry** (Prerequisites, Chemistry 1 and 4.)—A continuation of Course 1, a special study of ionization and chemical and physical equilibrium. To be accompanied by Course 10. Four credit hours. Required in Schools of Agriculture and Science.

10. **General Inorganic Chemistry Laboratory.**—A continuation of 4 and designed to accompany 7. Four hours. Required in Schools of Agriculture and Science.

13. **General Inorganic Chemistry.**—A continuation of Course 7; a study of the metallic elements and their compounds and introduction to quantitative analysis. Four credit hours. Required in Schools of Agriculture and Science.

16. **General Inorganic Chemistry and Qualitative Analysis** (Prerequisite, Chemistry 10).—A laboratory study of the metallic elements and their compounds, followed by a short course in qualitative analysis. Four hours. Required in School of Agriculture.

18. **General Inorganic Chemistry Laboratory** (Prerequsite, Chemistry 10).—Deals principally with the metallic elements and their compounds, including experiments of a quantitative nature. Two hours. Required in the School of Science.

21. **General Inorganic Chemistry.**—Same as Chemistry 1 except as to time. Three credit hours. Required in School of Engineering.

24. **General Inorganic Chemistry Laboratory.**—To accompany 21. Similar to 4, but not as comprehensive. Three hours. Required in the School of Engineering.

27. **General Inorganic Chemistry** (Prerequisite, Chemistry 21 and 24).—A continuation of 21; includes the study of metallic elements and compounds. Three credit hours. Required in the School of Engineering.

30. **General Inorganic Chemistry Laboratory.**—A continuation of 24. Three hours. Required in the School of Engineering.

33. **General Inorganic Chemistry** (Prerequisite, Chemistry 27).—A brief review of 21 and 27, and the study of elementary qualitative analysis. Two credit hours. Required in the School of Engineering.

36. **General Inorganic Chemistry Laboratory** (Prerequisite, Chemistry 30).—Quantitative experiments and practice in quantitative analysis. Four hours. Required in School of Engineering.

39. **General Inorganic Chemistry.**—Elementary. Similar to 21. Three hours.

42. **General Inorganic Chemistry Laboratory.**—To accompany 39. Three hours.

45. **General Inorganic Chemistry.**—Concluding 39. Three hours.

48. **General Inorganic Chemistry Laboratory.**—To accompany 45. Four hours.

51. **Physical Chemistry** (Prerequisite, Chemistry 13 and 129).—A general study of the principals of physical chemistry. Required of students specializing in chemistry. Three credit hours.

54. **Physical Chemistry Laboratory.**—Determination of densities of gases and liquids, solubility determination, estimation of molecular weights, conductivity measurements, use of refractometer, spectroscope, and polariscope, etc. Four hours.

57. **Physical Chemistry.**—A continuation of 51. Three credit hours.

60. **Physical Chemistry Laboratory.**—A continuation of 54. Four hours.

63. **Electro-Chemistry.**—A general study of the theories of electro-chemistry and of reactions produced by the electric currents. Special attention to commercial applications. Two credit hours.

66. **Electro-Chemistry Laboratory.**—Current measurements, exercises in electro-analysis, and in electro-chemical preparations. Four hours.

Analytical Chemistry.

69. **Elementary Qualitative Analysis** (Prerequisite, Chemistry 13, 33, or 46).—A theoretical study of the separation and detection of the common ions. Two credit hours.

72. **Elementary Qualitative Analysis Laboratory.**—Laboratory practice in group separations and tests for ions. Six hours.

75. **Advanced Qualitative Analysis** (Prerequisite, Chemistry 13).—A theoretical study, including osmotic pressure, chemical and physical equilibrium, theory of complex ions, oxidation, reduction, etc. Text-book: Stieglitz's Qualitative Analysis. Five credit hours.

78. **Advanced Qualitative Analysis Laboratory.**—A general laboratory study of theoretical and practical qualitative analysis. Eight hours.

81. **Advanced Qualitative Analysis.**—A continuation of 75. Five credit hours.

84. **Advanced Qualitative Analysis Laboratory.**—A continuation of 78. Eight hours.

87. **Elementary Qualitative Analysis** (Prerequisite Chemistry 69).—Theories, calculations, and methods of quantitative analytical work. Two credit hours.

90. **Elementary Quantitative Analysis Laboratory.**—Graded exercises in quantitative determination and separations. Eight hours.

93. **Elementary Quantitative Analysis.**—A continuation of 87. Two credit hours.

96. **Elementary Quantitative Analysis Laboratory.**—A continuation of 90. Eight hours.

99. **Advanced Quantitative Analysis** (Prerequisite, Chemistry 81.)—A course designed especially for students in the Science School electing work in chemistry. Includes practice in the literature of chemistry. Three credit hours.

102. **Advanced Quantitative Analysis Laboratory.** — General course in laboratory practice. Twelve hours.

105. **Advanced Quantitative Analysis.**—A continuation of 99. Three credit hours.

108. **Advanced Quantitative Analysis Laboratory.**—Practice in the more difficult separations and estimations. Twelve hours.

111. **Toxicology** (Prerequisite, Chemistry 93, or equivalent and also 129).—A study of the detection and estimation of poisons, organic and inorganic. Two credit hours.

114. **Toxicology Laboratory.**—General practice in the detection and separation of organic and inorganic poisons in animal tissue. Eight hours.

Organic Chemistry.

117. **Elementary Organic Chemistry** (Prerequisite, Chemistry 13, 14, or 45).—A short course designed especially for students of Biology and Agriculture. Four credit hours. Required in School of Agriculture.

120. **Organic Chemistry Laboratory.**—The preparation and study of representative organic compounds. (Students who do not anticipate electing a course in agricultural analysis will be permitted to substitute equivalent work in quantitative analysis for this course.) Four hours. Required in School of Agriculture.

123. **Organic Chemistry** (Prerequisites, Chemistry 13 and 81).—A systematic study of organic chemistry, confined to aliphatic bodies. Required in Science School of students specializing in chemistry. Five credit hours.

126. **Organic Preparations** (Prerequisite, Chemistry 123).—The preparation of representative types of organic compounds, and the use of the literature of organic chemistry. Text-book: Gattermann's Die Praxis des organischen Chemikers. Eight hours.

129. **Organic Chemistry.**—A continuation of 123. Carbocyclic and heterocyclic compounds. Five credit hours.

132. **Organic Preparations.**—A continuation of 128. Courses in 128 and 132 may be (and ought to be) condensed in one summer quarter. Eight hours.

135. **Advanced Organic Chemistry** (Perequisite 129.)—Special topic in organic chemistry. Two credit hours.

136. **Organic Analysis** (Prerequisites 69, or equivalent, and 125). —Elementary anlysis of organic compounds, including the determination of halogens, sulphur, nitrogen, and inorganic constituents of organic compounds. Four hours.

Agricultural Chemistry.

137. **Agricultural Chemistry** (Prerequistes, Chemistry 13, or 45, and 117).—Chemistry of plant and animal life, agricultural products, soils, and fertilizers. A basis for the comprehensive study of agronomy, but scarcely less important for students interested in other branches of agriculture. Three credit hours.

140. **Agricultural Analysis** (Prerequisites, Chemistry 69 and 72.) —Elementary practice in the analysis of feeding stuffs, soils, and fertilizer materials. Introduced by a short course in the quantitative analysis of pure salts or material of known composition. Six hours.

145. **Dairy Chemistry.**—A study of the chemistry and manufacture of dairy products, standards and definitions, adulteration of dairy products and methods of detection. Two credit hours.

148. **Dairy Chemistry Laboratory.**—Tests of purity, detection of adulterations, and the quantitative analysis of dairy products. Six hours.

157. **Insecticides and Fungicides** (Prerequisites, Chemistry 13, or 46, and 117).—The chemistry of the manufacture and use of the more common insecticides and fungicides. Two credit hours.

160. **Insecticides and Fungicides Laboratory.**—Practice in the examination of the more important insecticides and fungicides. To accompany 157. Six hours.

169. **Farm Chemistry.**—An elementary course in general inorganic and agricultural chemistry for students taking the short course in agriculture. Four credit hours· Fall quarter. Required of second two-year Agriculture.

172. **Farm Chemistry Laboratory.**—General laboratory work in general organic chemistry with special reference to soils and fertilizers. Four hours. Fall quarter. Required of Short Course students.

Engineering and Industrial Chemistry.

175. **Industrial Chemistry** (Perequisite, Chemistry 33, or equivalent).—Chemical manufacturing operations and control, and chemistry of manufacture or treatment of liquid and gaseous fuels, oils, waters, iron and steel, special steels and alloys, fire brick, cement, etc. Four credit hours. Required in Course of Mechanical Engineering.

178. **Fuel Analysis and Calorimetry** (Prerequisites, Chemistry 33 and 36, or equivalent).—Methods and practice in the analysis of coal and coke, and in the determination of the calorific value of solid and liquid fuels. Three hours. Required of students of Mechanical Engineering.

182. **Fuel Analysis and Calorimetry.**—A continuation of 178. Three hours. Required of students in Mechanical Engineering.

187. **Metallurgical Analysis.**—A study of methods of gravimetric analysis as applied to the examination of iron, steel, special steels, ores, slag, etc. Two credit hours.

190. **Metallurgical Analysis Laboratory.**—A course in laboratory practice to accompany 187. Six hours.

193. **Metallurgical Analysis.**—A continuation of 187. Two credit hours.

196. **Metallurgical Analysis Laboratory.**—Laboratory practice to accompany 193. Six hours.

199. **Technical Analysis** (Prerequisite, Chemistry 182).—Course designed for students in Mechanical Engineering. Consists of study of methods of the analysis of fuel gases, flue gases, gas calorimetry; and for the examination of lubricating oils, greases, water, etc. Two credit hours. Required of students in Mechanical Engineering.

202. **Technical Analysis Laboratory.**—To accompany 199. Practice in gas calorimetry, gas, and oil analysis, etc. Three hours. Required of students in Mechanical Engineering.

205. **Industrial Chemistry,** (Prerequisites, 13, 33, or 45).—General industrial chemistry, including such topics as fuel, petroleum products, paints, gas, soap, matches, glass, cement, explosives, ceramics, etc. Three or five credit hours.

Food, Physiological, and Sanitary Chemistry.

209. **Foods and Food Technology** (Prerequisites, Chemistry 13, 45, and 123.) Chemistry of the preparation and composition of food products. Three credit hours.

211. **Food Adulteration and Detection** (Prerequisites, Chemistry 13, 129, and 93, or equivalent).—A general course for students specializing in food chemistry. Two credit hours.

214. **Food Adulteration and Detection Laboratory.**—A general laboratory course in the detection and estimation of adulterations. Eight hours.

217. **Food Adulteration and Detection.**—A continuation of 211. Two credit hours.

220. **Food Adulteration and Detection Laboratory.**—A continuation of 214. Eight hours.

223. **Physiological Chemistry** (Prerequisite, Chemistry 117).—A general course in physiological chemistry. Four credit hours.

226. **Physiological Chemistry Laboratory.**—Qualitative and quantitative laboratory work dealing with the chemistry of animal tissues and fluids. Four hours.

Graduate Work.—The Department of Chemistry offers to graduate students courses in analytical, agricultural, organic, industrial, and physical chemistry as major and minor work for the M. S. degree. The general nature and scope of the work is arranged in conference with the candidates. The time required will depend upon the preparation of the student.

CIVIL ENGINEERING.

Professor Gladney; Assistant Professor Van Sickler.

1. **Plane Surveying** (Prerequisite, Trigonometry).—The ordinary method of plane, topographic, and land surveying, covering use and adjustment of instruments, field methods, computations, etc. Five credit hours. Fall quarter. Required third year Civil Engineering. Professor Van Sickler.

2. **Field Work.**—Practice in the use of transit, level, and other field instruments. Accompanies Civil Engineering 1. Eight hours. Fall quarter. Required third year Civil Engineering. Professor Van Sickler.

3. **Plane Surveying.**—A general course in Surveying designed to meet the need of Mechanical and Electrical Engineering students. Text-book: Breed & Hosmer, Elementary Surveying. Two credit hours. Spring quarter. Required fourth year Electrical and Mechanical Engineering. Professor Gladney.

4. **Field Work.**—Same as Civil Engineering 2, except for time. Spring quarter. Three hours. Required fourth year Mechanical and Electrical Engineering. Professor Gladney.

5. **Railroad Surveying** (Prerequisite, Civil Engineering 1).—Geometry of railroad curves, methods of railroad surveying, and computation of earthwork. Text-book: Searl's & Ives' Field Engineering. Four credit hours. Winter quarter. Required third year Civil Engineering. Professor Van Sickler.

6. **Railroad Field Work.**—Practice in the various field operations of railroad surveying, and in the office work necessary thereto. Eight hours. Winter quarter. Required third year Civil Engineering. Professor Van Sickler.

7. **Mechanics** (Prerequisites, Trigonometry, and Physics 15 and 16).—Elementary statics, covering composition and resolution of forces, the moment theorem, friction, center of gravity, etc. Four credit hours. Spring quarter. Required third year Civil Engineering. Professor Van Sickler.

8. **Mapping** (Prerequisite, Civil Engineering 1).—Practical work in plotting of land and topographic surveys. Six hours. Spring quarter. Required third year of Civil Engineering. Professor Van Sickler.

9. **Highway Engineering** (prerequisite, Civil Engineering 1).—Construction and maintenance of earth and stone roads and city pavements. Emphasis is placed upon the types of roads suitable for rural districts and small towns. Text-book: Blanchard's Elements of Highway Engineering. Four credit hours. Spring quarter. Required third year Civil Engineering. Professor Gladney.

11. **Strength of Materials** (Prerequiste, Calculus).—Strength and elastic properties of the various materials used in engineering construction. Strength and behavior under load, of beams, columns, shafts, pipes, riveted joints, etc. Five credit hours. Fall quarter. Required fourth year Civil Engineering, Mechanical Engineering Seniors, and Electrical Engineering Seniors. Professor Gladney.

13. **Countinuation of Course 11.**—Four hours, three recitations and two hours of computation. Four credit hours. Winter quarter. Required fourth year Civil Engineering. Professor Gladney.

15. **Advanced Surveying** (Prerequisite, Civil Engineering 1).—Continuation of Course 1 together with the astronomical essentials underlying the determination of latitude and the meridian, as ordinarily required of practicing engineers. Text-book: Raymond's Surveying, supplemented by work from Campbell's and Holt's Astronomies. Two credit hours. Fall quarter. Required fourth year Civil Engineering. Professor Gladney.

16. **Field Work.**—A course of practice accompanying Civil Engineering 15. Five hours. Fall quarter. Required fourth year Civil Engineering. Professor Gladney.

17. **Hydraulics** (Prerequisites, Calculus and Civil Engineering 7).—Laws governing water pressures and the flow of water through orifices, pipes, channels, and over weirs. Text-book: Daugherty's Hydraulics. Five hours, three of recitation and two of computation. Four credit hours. Fall quarter. Required fourth year Civil Engineering. Professor Van Sickler.

19. **Graphic Statics.**—Principles underlying the graphic method of determining bridge and roof truss stresses. Winter quarter. One credit hour. Required fourth year Civil Engineering.
Professor Gladney.

20. **Graphics.**—Graphical solution of bridge and roof stresses, accompanying and illustrating Course 19. Six hours. Winter quarter. Required fourth year Civil Engineering. Professor Gladney.

21. **Drainage Engineering** (Prerequisite, Course Civil Engineering 17).—Fundamentals of drainage work for land reclamation. Text-book: Elliot's Engineering for Land Drainage. Two credit hours. Fall quarter. Required fourth year Civil Engineering.
Professor Van Sickler.

22. **Structural Design** (Prerequisites, Civil Engineering 11, 19, and 20.)—Complete design of a wooden and steel roof truss. Three credit hours. Winter quarter. Required fourth year Civil Engineering. Professor Van Sickler.

23. **Bridge Stresses** (Prerequisites, Civil Engineering 7 and 11.) —Complete analysis of stresses, due to dead and applied loads, in the more common forms of roof and bridge trusses, are required, analytical methods of computation being employed. Five recitations and three hours of computation. Six and one-half credit hours. Spring quarter. Required fourth year Civil Engineering. Professor Van Sickler.

25. **Concrete** (Prerequisite, Civil Engineering 11 and 13).—Principles of reinforced concrete design. Text-book: Hool's Reinforced Concrete Construction, Volume 1. Two recitations and three hours of computation. Three and one-half credit hours. Winter quarter. Required fourth year Civil Engineering. Professor Gladney.

27. **Sanitary Engineering** (Prerequisite, Civil Engineering 17.) Sewer design and Construction. Text-book: Folwell's Sewerage. Three recitations. Spring quarter. Required fourth year Civil Engineering. Professor Gladney.

29. **Contracts and Specifications.**—Laws pertaining to contracts; writing of contracts; preparation of specifications; and business considerations affecting engineering construction. Three hours. Spring quarter. Text-book: Johnson's Contracts and Specifications. Open to third and fourth year Engineering students. Professor Gladney.

39. **Masonry Construction.**—Material in common use in masonry construction, and the principles of foundation design. Three recitations. Professor Gladney.

31. **Retaining Walls and Dams** (Perequisite, Civil Engineering 11).—The principles governing the design of retaining walls and dams. Three recitations. Professor Gladney.

38. **Continuation of Course 22.**—Design and detail of wooden and steel roof trusses, also design of plate girders and steel mill buildings. Required of fourth year Civil Engineering students. Five credit hours. Spring quarter. Professor Van Sickler.

33, 37. **Water Supply** (Prerequisite, Civil Engineering 17).—Factors governing steam flow, and other hydrological phenomena, in their relation to quality and quantity of public water supplies: design and construction of water supply systems. Three recitations. Two quarters. Professor Gladney.

Postgraduate Work.—For the benefit of postgraduate students and those seeking the degree of Civil Engineer, work will be arranged in the various branches of Civil Engineering. As far as practicable, the desire of the student will be considered in arranging the subject matter of such courses.

COMMERCE AND INDUSTRY.

Professor Bowen;
Associate Professor Ham; Assistant Professor Bates; Mrs. Myers.

I. Stenography and Typewriting.

101. **Beginning Gregg Shorthand.**—Fall, Winter and Spring quarters. Five credit hours. Elective. Mrs. Myers.

103. **Advanced Gregg Shorthand.**—Winter and Spring quarters. Five credit hours. Elective. Mrs. Myers.

105. **Speed Practice and Office Methods.**—Spring quarter. Five credit hours. Elective. Mrs. Myers.

102. **Elementary Typewriting.**—Any quarter. Ten hours laboratory. Elective. Mrs. Myers.

II. Accounting.

201. **Bookkeeping Theory.**—Fall, Winter and Spring quarters. Two credit hours. Required of First Year Business. Mr. Ham and Mr. Bates.

202. **Elementary Bookkeeping** (Accompanying 201).—Fall, Winter and Spring quarters. Ten hours laboratory. Required First Year Business. Mr. Ham and Mr. Bates.

204. **Elementary Accounting.**—Winter and Spring quarters. Five credit hours. Required First Year Business. Mr. Ham.

206. **Accounting.**—Spring quarter. Five credit hours. Required First Year Business. Mr. Ham.

208. **Advanced Accounting.**—Spring quarter. Five credit hours. Required Second Year Business. Mr. Ham.

210. **Cost Accounting.**—Winter quarter. Five credit hours. Elective. Mr. Ham.

212. **Auditing.**—Spring quarter. Five credit hours. Elective. Mr. Ham.

III. Commerce and Industry.

301. **Occupations.**—A survey of the various trades, businesses, and professions; their requirements, opportunities, and remuneration. Intended to assist the student to chose his life work intelligently. Three credits. Required First Year Business. Professor Bowen.

303. **Introductory Business Law.**—Principles governing the more common business transactions, with special reference to the requirements of a binding contract; sales; agency. Five credits. Fall quarter. Required Second Year Business. Professor Bowen.

305. **Advanced Business Law.**—Negotiable instruments; bailments; partnership; real estate, etc. Five credits. Winter quarter. Required Second Year Business. Professor Bowen.

345. **Retail Store Management.**—Methods of organization, selection of location, buying, handling of clerks and salesmen, wage systems, etc. Three credits. Fall quarter. Elective. Professor Bowen.

309. **Credits and Collections.**—Five credits. Spring quarter. Elective. Mr. Ham.

347. **Fire Insurance.**—A course for business men. Five credits. Spring quarter. Elective. Professor Bowen.

349. **Life Insurance.**—Three credits. Winter quarter. Elective. Professor Bowen.

313. **Banking Methods.**—Organization; banking laws; practice in bank bookkeeping. Five credits. Winter quarter. Elective. Mr. Bates.

315. **Investments.**—Stocks, bonds, mortgages, the stock market as an index to business conditions. Principles underlying sound investments as compared to speculation. Five credits. Fall quarter. Elective. Professor Bowen.

317. **Mississippi Statutes.**—Laws governing board of supervisors, health, drainage, estrays, exemptions, fences, stock, fertilizers, liens, replevin, roads, trespass. Three hours. Fall quarter. Elective. Professor Bowen.

319. **Business Clubs.**—Organization problems, membership campaigns, industrial cooperation, trade extension. Five credits. Fall quarter. Elective. Professor Bowen.

321. **Transportation.**—Railway organization and management; government control, rates, and policies. Five credits. Winter quarter. Elective. Mr. Ham.

323. **Salesmanship.**—The fundamental principles underlying the selling process; personality; efficiency; methods. The service idea in business. Five credits. Spring quarter. Required of First Year Business. Professor Bowen.

325. **Personal Efficiency.**—The principles underlying the conduct, habits, and methods of successful business men. Three credits. Winter quarter. Elective. Professor Bowen.

327. **Vocational Guidance.**—Problems of personnel; fitting one's self for a job. Three credits. Spring quarter. Elective. Professor Bowen.

331. **Industrial Organization.**—Factory layout and supervision. Labor problems. Problems of personnel, hiring and firing. Three credits. Fall quarter. Elective. Mr. Ham.

335. **Principles of Business.**—Introductory to the more advanced special course. The scientific method as applied to business. Elements of financing, management, and control. Five hours. Fall quarter. Elective. Professor Bowen.

337. **Retail Selling** (Prerequisite 323).—A study of the particular problems of the mercantile establishment, buying, stockkeeping, testing, pricing, sales methods and policies. Five credits. Winter quarter. Elective. Professor Bowen.

339. **Office Management.**—Problems of lay-out, organization, supervision; labor-saving devices and equipment. Five credits. Spring quarter. Elective. Professor Bowen.

341. **Foreign Trade.**—The geography and movement of trade; ocean traffic and rates; banking and exchange; selling organization, collections, etc. Five credit hours. Spring quarter. Professor Bowen.

343. **Public Utilities.**—Organization and management problems; accounting methods. Three credit hours. Spring quarter. Elective. Professor Ham.

DAIRY HUSBANDRY.

Professor Moore; Associate Professor Herzer.

1. **Milk and Its Products.**—Fall quarter. Three credit hours. Required of second year Agriculture. Professor Herzer.

2. **Milk and Its Products** (Laboratory).—To accompany Course 1. Fall quarter. One credit hour. Professor Herzer.

3. **Dairy Cattle.**—Winter quarter. Four credit hours. Required of third year Agriculture. Professor Moore.

4. **Dairy Cattle** (Laboratory).—To accompany Course 3. Winter quarter. Three hours. Professor Moore.

7. **Milk Production.**—A continuation of Course 3. Fall quarter. Four hours elective. Professor Moore.

8. **Practical Milk Production** (Laboratory).—To accompany Course 7. Fall quarter. Two hours. Elective. Professor Moore.

9. **Creamery Butter Making** (Perequisites, Dairy 1 and 2).—Winter quarter. Three hours. Elective. Professor Herzer.

10. **Creamery Butter Making** (Laboratory).—To accompany Course 9. Winter quarter. Three hours. Elective. Professor Herzer.

13. **Dairy Farming.**—Spring quarter. Four hours. First year two-year-students in the School of Agriculture and others desiring an elementary course in this subject. Professor Moore.

14. **Dairy Farming** (Laboratory).—To accompany Course 13. Spring quarter. Two hours. First year two-year students in the School of Agriculture. Professor Moore.

15. **Elementary Milk and Its Products.**—Winter quarter. Three hours. Second year two-year students in the School of Agriculture and others desiring an elementary course in the care and handling of milk and its products. Professor Herzer.

16. **Handling Milk and Its Products** (Laboratory).—To accom-

pany Course 15. Winter quarter. Four hours. Second year two-year students in the School of Agriculture. Professor Herzer.

21. **Dairy Breeds.**—Spring quarter. Three hours. Elective. Professor Moore.

22. **Dairy Breeds** (Laboratory). —To accompany Course 21, Spring quarter. Two hours. Elective. Professor Moore.

23. **Testing Milk and Its Products** (Prerequisites, Dairy 1, 2, 3, and 4).—Winter quarter. One hour. Elective. Professor Herzer.

24. **Testing Milk and Its Products** (Laboratory).—To accompany Course 23).—Winter quarter. Three hours. Elective. Professor Herzer.

25. **Dairy Technology.**—A continuation of Course 1. Prerequisites, Dairy 1, 2, 23, 24. Spring quarter. Three hours. Elective. Professor Herzer.

26. **Dairy Technology** (Laboratory).—To accompany Course 25. Spring quarter. Three hours. Elective. Professor Herzer.

27. **Advanced Creamery Butter Making.**—A continuation of Course 9, including creamery management, creamery mechanics and construction. Prerequisites, Dairy 1, 2, 9, 10, and 24. Spring quarter. Two hours. Elective. Professor Herzer.

28. **Advanced Creamery Butter Making** (Laboratory).—To accompany Course 27. Spring quarter. Six hours. Elective. Professor Herzer.

29. **Ice Cream and Soft Cheese Making** (Prerequisites, Dairy 1, 2, 23, and 24).—Spring quarter. Three hours. Elective. Professor Herzer.

30. **Ice Cream and Soft Cheese Making** (Laboratory).—To accompany Course 29. Spring quarter. Three hours. Elective. Professor Herzer.

Graduate Course.—Professional training and original investigation. The special line of study will be left largely to the student, subject to approval. Students will take part in the experiments in progress, and after sufficient experience will conduct independent investigations.

EDUCATION AND SOCIOLOGY.

Professor Butts; Assistant Professor Wynne; Mrs. M. H. Moore; Miss Ballard; Miss Wier; Mr. Monosmith.

1. **Elementary Psychology.**—The laws of the mind are studied in their relation (1) to the physical organism; (2) to their logical issues in human conduct; and (3) to the rational interpretation of mental phenomena. Fall and Winter quarters. Five credit hours. Required of Education Freshmen. Assistant Professor Wynne.

2. **Practice Teaching.**—Secondary school subjects (prerequisites, Courses 1, 5, and 9). Each quarter. Five credit hours. Mrs. Moore and Miss Wier.

3. **Mississippi Schools.**—History of the public school system of the State; organization and administration of the school units; organization and administration of the various types of schools; school laws of the State. Spring quarter. Five credit hours. Required of Education Freshmen. Professor Butts.

4. **School Gardening.**—The principles and methods of school garden work. Spring quarter. Five credit hours. Mr. Monosmith.

5. **Psychology** (Prerequisite, Course 1.)—Advanced pure psychology; a study of the psychology of infancy, childhood, and adolescence. Fall and Winter quarters. Five credit hours. Required of Education Sophomores. Assistant Professor Wynne.

7. **Psychology** (Continuation of 5, Prerequisites, 1 and 5).—Winter and Spring quarters. Five credit hours. Required of Education Sophomores. Assistant Professor Wynne.

9. **The Educative Process** (Prerequisites, Courses 1, 5, and 7).—Psychology as applied to the teaching and the learning processes. Fall quarter. Five credit hours. Professor Butts.

11. **Classroom Management** (Prerequisites, Courses 1, 5, and 7.)—A study of classroom organization, classroom routine, the daily program, the problem of discipline, etc. Fall and Winter quarters. Five credit hours. Assistant Professor Wynne.

13. **Psychology of High School Subjects** (Prerequisites, Courses 1, 5, and 7).—Laws of psychology in their relation to the presentation of the subject matter of the various high school subjects. Spring quarter. Five credit hours. Assistant Professor Wynne.

15. **History of Education.**—The development of systems of education among the ancient nations, in the middle ages, and in modern times; educational development and practice of the present time. Fall quarter. Five credit hours. Assistant Professor Wynne.

17. **Sociology.**—A study of the fundamental principles underlying the science of sociology; the relation of sociology to the other social sciences; relation of sociology to education; sociological conditions in the United States and in foreign countries. Fall and Winter quarter. Five credit hours. Professor Butts.

*19. **Rural Sociology.**—Atttention will be given chiefly to rural problems in the United States, and especially in the South. Winter and Spring quarters. Five credit hours. Professor Butts.

21. **School Administration.**—Methods of organization and administration of secondary schools in the United States. Spring quarter. Five credit hours. Professor Butts.

23. **Logic.**—Deductive and inductive logic; study of the operations of the mind; examination of the common fallacies in thinking and reasoning. Winter quarter. Five credit hours. Professor Butts.

25. **Ethics.**—A study of the ethical basis of conduct, and the development of the will and conscience. Spring quarter. Five credit hours. Assistant Profesor Wynne.

27. **Rural Schools.**—A study of rural school problems in the United States, and especially in Mississippi; consolidation and other means of betterment. Winter quarter. Three credit hours. Professor Butts.

29. **Applied Psychology** (Prerequisite, Course 1).—The practical use of psychology by the teacher, the business man, the preacher, and lawyer, and others. Winter quarter. Five credit hours. Professor Butts.

31. **Philosophy of Education.**—Discussion of such topics as the

definition of education, the aims of education, the development of various conceptions of educational values, etc. Fall quarter. Five credit hours. Professor Butts.

*33. **Educational Psychology.**—An elementary course involving the important topics of both general and educational psychology. Fall and winter quarters. Five credit hours. Professor Butts.

*35. **Principles of Rural Education.**—Social principles of education; elementary rural sociology; rural school problems; correlation of the school with community life. Fall or Spring quarter. Three credit hours. Professor Butts.

37. **The Principles of Study.**—The proper methods of study, and the purpose of the text-book and other literature used by pupils. Fall quarter. Three credit hours. Required of Education Freshmen. Assistant Professor Wynne.

Graduate Courses.—This department offers for graduate work either major or minor courses in Psychology, Pedagogy, School Administration, History of Education, Philosophy, and Sociology. Suggestive outlines of courses for the Master of Science degree will be submitted on application.

ELECTRICAL ENGINEERING.

Professor Patterson; Assistant Professor George.

1. **Direct Current Machinery** (Prerequsite, Engineering Sophomore Mathematics and Physics).—Theory and application of direct currents, designed for those not specializing in Electrical Engineering. Principles, efficiency of operation, and practical applications of constant current generators, compound, shunt, and series motors and control apparatus, with special emphasis on the industrial application of motors and the operating characteristics of electrical machines usually found in power plants. Five credit hours. Fall quarter. Required of Mechanical Engineering Juniors. Mr. George.

2. **Direct Current Machinery (Laboratory).**—To accompany Course 1. Three hours. Fall quarter. Mr. George.

3. **Dynamo Electric Machinery** (Prerequisite, Course 1).—A continuation of Course 1. Care, management, and operation of shunt and compound generators in parallel, with and without storage batteries. Elementary principles of alternating currents and the characteristics, regulation, and operation of alternators and synchronous motors, with numerous problems. Five credit hours. Winter quarter. Required of Mechanical Engineering Juniors. Mr. George.

4. **Dynamo Electric Machinery (Laboratory).**—To accompany Course 3. Three hours. Winter quarter. Mr. George.

5. **Alternating Current Machinery** (Prerequisite, Course 3).—A continuation of Course 3. Transformers, their connections, regulation, and efficiency, the induction motor, and single phase commutator motors and their practical application and adaptability to the shop, factory, and textile mill, with numerous practical problems. Five credit hours. Spring quarter. Required of Mechanical Engineering Juniors. Mr. George.

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* Open to those preparing to teach vocational agriculture, or subjects allied to the trades and industries, under the Smith-Hughes Act.

6. **Alternating Current Machinery (Laboratory).**—To accompany Course 5. Three hours. Spring quarter. Mr. George.

31. **Electricity and Magnetism** (Prerequisite, Engineering Sophomore Mathematics and Physics).—This course supplements the work given by the Department of Physics in the Sophomore year, but instruction is given more in detail and with particular reference to the needs of the Electrical Engineering student. It comprises a study of the theory of magnetism, electro-magnets, and the magnetism of iron as applied to dynamo electric machinery; the principles underlying the construction and operation of dynamos, with numerous problems in electrical theory. Four credit hours. Fall quarter. Required of Electrical Engineering Juniors. Professor Patterson.

32. **Electricity and Magnetism (Laboratory).**—To accompany Course 31. Two hours. Fall quarter.
Professor Patterson and Mr. George.

33. **Direct Current Generators and Motors** (Prerequisite, Course 31).—Theory and operation of direct current dynamos as generators and motors, including series, shunt, and compound wound machines; the theory of commutation, parallel operation, speed control of motors; efficiencies; characteristic curves; together with a discussion of the principles of generator and motor testing. Numerous problems are used. Five credit hours. Winter quarter. Required of Electrical Engineering Juniors. Professor Patterson.

34. **Direct Current Generators and Motors (Laboratory).**—To accompany Course 33. Two hours. Winter quarter.
Professor Patterson and Mr. George.

35. **Direct Current Distribution** (Prerequisite, Course 33).—The applications of direct currents for the distribution of power, including a study of distribution systems of wiring, regulating apparatus, storage battery systems; principles of photometry and electric lighting. Two credit hours. Spring quarter. Required of Electrical Engineering Juniors.

37. **Alternating Currents** (Prerequisite, Course 33).—Theory of alternating currents studied by both graphical and analytical methods. It includes the sine wave and its application to electric circuits, other wave forms and the quantities which affect wave forms; a study of the various types of alternating current circuits containing impedances in series and parallel combinations, and measurement of power in single and polyphase circuits. Three credit hours. Spring quarter. Required of Electrical Engineering Juniors. Professor Patterson.

38. **Alternating Currents (Laboratory).**—To accompany Courses 35 and 37. Three hours. Spring quarter.
Professor Patterson and Mr. George.

13a. **Alternating Currents** (Transition Course for 1920-1921 only).—Theory of alternating currents studied by both graphical and analytical methods. It includes the sine wave and its applications to electric circuits, other wave forms and the quantities which affect wave forms; a study of the various types of alternating current circuits containing impedances in series and parallel combinations; measurements of power in single and polyphase circuits, and the theory, operation and efficiency of the transformer. Four credit hours. Fall quarter. Required of Electrical Engineering Seniors.
Professor Patterson.

14. **Alternating currents (Laboratory).**—To accompany Course 13a. Six hours. Fall quarter. Professor Patterson and Mr. George.

15a. **Alternating Current Generators and Motors** (Prerequisite, Course 13a).—The theory, construction and operation of all types of alternating current generators, of induction and synchronous motors, of alternating current regulators, rotary convertors and applications, and of the newer types of repulsion and series alternating current motors. As experimental work in the laboratory is concurrent with this course, it also includes a discussion of the methods of testing alternating current apparatus. Four credit hours. Winter quarter. Required of Electrical Engineering Seniors. Professor Patterson.

16. **Alternating Current Generators and Motors (Laboratory).**—To accompany Course 15a. Six hours. Winter quarter.
Professor Pattterson and Mr. George.

17a. **Power Generation, Transmission, and Distribution** (Prerequisites, Course 15a).—Generating apparatus in lighting and power plants; station equipment, switchboards and appliances; lightning protection and line construction, with special reference to long distance high voltage transmission lines. Technical articles are largely used as reference texts and each student is assigned topics along the lines suggested above, and required to submit abstracts of articles on these topics before the class. Four credit hours. Spring quarter. Required of Electrical Engineering Seniors. Professor Patterson.

18a. **Power Generation, Transmission, and Distribution (Laboratory).**—To accompany Course 17a. Includes in addition certain tests following theory studied in preceding quarters. Three hours. Spring quarter. Professor Patterson.

19. **Electrical Illumination** (Prerequisite, Engineering Sophmore Physics).—This course includes lectures on electric lights and lighting systems in connection with laboratory work with the photometer using an imported Lummer-Brodhun screen. Three credit hours. Fall quarter. Required of Architectural Engineering Juniors.
Mr. George.

21. **Wiring for Light and Power** (Prerequisite, Course 1 or 7).—A short course in "The National Electric Code" used in connection with problems and circuits necessary for the wiring of industrial plants, buildings, lighting systems, and the construction of transmission lines, both aerial and underground. Three credit hours. Winter quarter. Required of Architectural Engineering Juniors.
Mr. George.

25, 27. **Electrical Equipment (Senior Elective).**—A detailed study of the problems of selection, buying, arrangement, wiring, switchboards, control, and auxiliary devices used in connection with the electrical equipment for shops, factories, and industrial plants. Three credit hours each quarter. Fall and Winter quarters. Elective.
Mr. George.

29. **Electrical Problems** (Senior Elective).—General electrical problems covering all work in Electrical Engineering to last quarter of senior year. Three credit hours. Spring quarter. Elective.
Mr. George.

43. **Electric Motor Controllers.**—A study of the modern industrial controller together with typical applications to the industries. Two credit hours. Fall quarter. Required of Electrical Engineering Seniors. Mr. George.

47. **Contracts and Specifications.**—Laws pertaining to engineering contracts. Preparation of contracts and specifications. Business

principles affecting engineering construction. Two credit hours. Winter quarter. Required of Electrical Engineering Seniors.
Mr. George.

49. **Telephone and Telegraph Engineering.**—Acoustics and principles involved; theory, construction, and operation of telephone, telegraph and various signal devices; magneto and common battery systems with special stress on modern improvements; long distance telephony and telegraphy; loaded, simplex, phantom, repeater, and other circuits. Two credit hours. Spring quarter. Required of Electrical Engineering Seniors. Mr. George.

50. **Telephone Laboratory.**—To accompany Course 49. Three hours. Spring quarter.. Mr. George.

55, 57, 59. **Electrical Machine Design.**—A course of lectures and problems on the principles and design of direct current machinery and of alternating current machinery and equipment, supplementary to the work in the drafting room. For drawing work accompanying, see Mechanical Engineering 66, 68 and 70. One credit hour each quarter. Fall, Winter and Spring quarters. Required of Electrical Engineering Seniors. Professor Patterson.

ENGLISH.

Professor Weddell; Associate Professor King;
Assistant Professor Savage; Mr. Drennon; Mr. Duff; Mr. Coffey.

1. **English Composition.**—The whole composition; the paragraph; the sentence; words; orthography; punctuation; letter writing; exposition; study of prose models; weekly themes; conferences with individual students. Five credit hours. Fall quarter. Required of Engineering, Education, and Business Freshmen.

3. **English Composition.**—Continuation of English 1; narration. Five credit hours. Winter quarter. Required of Engineering, Education, and Business Freshmen.

5. **English Composition.**—Continuation of English 3; argumentation. Five credit hours. Spring quarter. Required of Engineering and Education Freshmen.

7. **English Composition.**—Similar to English 1; less extensive. Four credit hours. Fall quarter. Required of Agricultural and Science Freshmen.

9. **Englsh Composition.**—Continuation of English 7; narration. Four credit hours. Winter quarter. Required of Agricultural and Science Freshmen.

11. **English Composition.**—Continuation of English 9; argumentation; less extensive than Course 5. Four credit hours. Spring quarter. Required of Agricultural and Science Freshmen.

13. **English Literature.**—A survey course; special attention to the works of representative writers; parallel readings; written reports; themes on assigned subjects. Five credit hours. Spring quarter. Required of Business Freshmen.

15. **English Literature.**—Similar to English 13; more intensive study of masterpieces in class and wider reading out of class; themes on assigned subjects. Five credit hours. Spring quarter. Required of Education Sophomores.

17. **Vocational English** (Prerequisites, 7, 9, 11).—The composition of papers of a purely practical nature; principles and methods of expository writing; analysis and imitation of essays and articles from recognized writers in agricultural papers, magazines, etc.; numerous short themes and one long theme. Three credit hours. Fall quarter. Required of Agricultural Sophomores.

19. **Vocational English** (Prerequisite, 17).—Continuation of English 17. Three credit hours. Winter quarter. Required of Agricultural Sophomores.

21. **Special Forms of Composition** (Prerequisites 7, 9, 11).—Practice in the writing of reports, laboratory experiments, letters of various kinds, bulletins, etc. Three credit hours. Spring quarter. Required of Agricultural and Science Sophomores.

23. **Scientific Writing** (Prerequisites, 1, 3, 5).—The composition of papers of a scientific nature; principles and methods of expository writing; analysis and imitation of essays and articles from recognized writers in engineering and science; emphasis on clearness, accuracy, directness, conciseness, and logical relationship; numerous short themes and one long theme. Three credit hours. Fall quarter. Required of Engineering and Science Sophomores.

25. **Scientific Writing.**—Continuation of English 23. Three credit hours. Winter quarter. Required of Engineering and Science Sophomores.

27. **English Literature** (Prereqisites, 1, 3, 5.)—A review of the lives and works of great English authors; special study of Milton, Pope, Burns, and Tennyson; parallel readings and written reports. Three credit hours. Spring quarter. Required of Engineering Sophomores.

29. **Shakespeare.**—A brief review of the Elizabethan drama; some account of Shakespeare as a playwright; a critical reading of two plays; additional readings out of class; written reports. Three credit hours. Fall quarter. Required of Engineering Juniors. Elective in other schools.

31. **Technical Writing** (Prerequisites, 23, 25).—A practice course for advanced Engineering students in the composition of papers dealing with engineering subjects—business letters, reports, abstracts, etc. Three credit hours. Winter quarter. Required of Engineering Juniors.

33. **Technical Writing.**—Continuation of English 31. One credit hour. Spring quarter. Required of Engineering Juniors.

35. **Special Composition** (Prerequisites, 17, 19, 21, or 23, 25).—A supplementary course to the courses in composition of the sophomore year: designed for students who desire further training in writing clear and correct English; theme work and consultation. Three credit hours. Fall quarter. Repeated Winter and Spring quarters as the needs of the students require. Elective for seniors and juniors of all schools. Required of Agricultural Education Juniors the Winter quarter.

49. **Special Composition** (**Prerequisite, 35**).—Continuation of English 35. Three credit hours. Winter and Spring quarters. Elective.

37. **Southern Writers.**—Detailed study of poets and prose writers of the South; parallel readings; written reports. Five credit hours. Spring quarter. Elective.

39. **The Modern Novel and the Short-Story.**—History of the development of the modern novel; plot and character analysis; systematic study of one novel; the short-story as a distinct form of literary art; analysis of specimens by masters of the art; written reports. Five credit hours. Winter quarter. Elective.

43. **The Teaching of English.**—For prospective teachers; methods; a review of grammar, rhetoric, and college entrance classics. Five credit hours. Spring quarter. Elective.

45. **English Language.**—Brief history of the language; development of forms; structure; word study. Five credit hours. Winter quarter. Elective.

59. **English and American Literature.**—A study of selections from English and American literature, both prose and poetry, from the standpoint of their expression of national ideals of freedom, faith, and conduct. Text-book: Grenlaw and Hanford's The Great Tradition. Five credit hours. Fall quarter. Elective for seniors and juniors of all the schools.

61. **English and American Literature.**—Continuation of 59. Five credit hours. Winter quarter. Elective for seniors and juniors of all the schools.

47. **English Fiction of the Nineteenth Century.**—An intensive study of the works of Dickens, Thackeray, Stevenson, George Eliot, and others. A minor course leading to the degree of Master of Science.

55. **Milton.**—Prose and poetry. A minor course leading to the degree of Master of Science.

63. **English Composition.**—Grammar; spelling; punctuation; elementary principles of composition; letter writing, frequent themes. Five hours. Fall quarter. Required of second year two-year Agriculture.

65. **English Composition.**—Continuation of English 63. Five hours. Winter quarter. Required of first year two-year Agriculture.

67. **English Composition.**—Continuation of English 65. Five hours. Spring quarter. Required of first year two-year Agriculture.

69. .**English Composition.** —Elementary rhetoric; frequent themes. Five hours. Fall quarter. Required of second year two-year Agriculture.

71. **English Composition.**—Continuation of English 69. Five hours. Winter quarter. Required of second year two-year Agriculture.

73. **English Composition.**—Continuation of English 71. Five hours. Spring quarter. Required of second year two-year Agriculture.

* ENGLISH LITERATURE.

Professor Gaines.

(Courses to be announced later.)

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* Beginning with session of 1920-1921, all courses in Literature, both required and elective, will be offered by this department.

GEOLOGY.

Professor Morse; Associate Professor Burt.

First or Later Year.

9. **Physiography.**—A study of the relief features of the earth and the agencies producing them, and a briefer study of the atmosphere and the ocean. Required first year in Science. Fall quarter. Four credit hours. Professor Morse.

10. **Physiography Laboratory.**—A study of topographic forms from topographic maps and from a few field trips about the College. Required with Geology 9. Fall quarter. Two hours. Professor Morse.

11. **Historical Geology.**—The course includes (1) a brief review of the agencies modifying the earth and the results of their work and (2) a more detailed study of the history of the earth, in which especial emphasis is placed upon the North American continent. Required first year in Science. Winter quarter. Four credit hours. Professor Morse.

12. **Historical Geology Laboratory.**—A study of the common rock-forming minerals and common rocks, of structural and historical geology maps, and of some of the formations about the College. Required with Geology 11. Winter quarter. Two hours. Professor Morse.

15. **Geologic History of Mississippi.**—Interpretation of the geologic history of the State by means of the principles already developed, especially in Geology 11-12. Prerequisite, Geology 11-12 or 117-118. Required, first year in Science. Spring quarter. Two credit hours. Professor Morse.

16. **Geologic History of Mississippi Laboratory.**—A direct interpretation of the geologic history of the State by a study of the formations in the field and of the material, so collected, in the laboratory. Field trips on Saturday. Required with Geology 15. Spring quarter. Six hours. Professor Morse.

13. **General Geology.**—A study of the fundametal principles of both physical and historical geology, as a complete course in itself or as an introduction to subsequent courses. Required first year in Engineering. Fall quarter; and first year in Education. Winter quarter. Four credit hours. Professor Burt.

75. **General Geology.**—A briefer course. Required second year in Agricultural and in Agricultural Education. Spring quarter. Three credit hours. Professor Burt.

14. **General Geology Laboratory.**—A study of the common rock-forming minerals and common rocks. An interpretation of topography, structure, and earth history from topographic and geologic maps and from field trips. Required with Geology 13. Fall, Winter and Spring quarters. Two hours. Professor Burt.

19. **General and Industrial Geography.**—A rapid review of the principles of physical geography, followed by a study of the relation of topography, climate, soil and mineral resources to industry and commerce, especially as this relation exists in the United States. Required first year in Business and Industry. Winter quarter. Elective third or fourth year in Education. Winter quarter. Four hours. Professor Burt.

20. **General and Industrial Geography Laboratory.**—Reading and interpretation of maps; graphic comparison of production, exports and imports, of the several states and of the countries of the world. Required with Geology 19. Winter quarter. Two hours.
Professor Burt.

Third Year.

115. **Engineering Geology.**—A study of geologic processes and their results and their bearing upon engineering problems. Required third year in Civil Engineering. Fall quarter. Four credit hours.
Professor Morse.

116. **Engineering Geology Laboratory.**—A study of the common minerals and rocks, special emphasis being placed upon such of their properties as render them fit or unfit for structural and building purposes. Required with Geology 115. Fall quarter. Two hours.
Professor Morse.

117. **Engineering Geology.**—A continuation of Geology 115, including a study of Historical Geology, by means of which the association and distribution of economic products is better understood. Required third year in Civil Engineering. Winter quarter. Four credit hours. Professor Morse.

118. **Engineering Geology Laboratory.**—A study of structural and areal geologic maps and of some fossil forms. Required with Geology 117. Winter quarter. Two hours. Professor Morse.

137. **Elements of Mineralogy.**—A study of crystal forms and other physical and chemical properties of the common and metallic minerals. Required third year in Civil Engineering. Winter quarter. One credit hour. Professors Morse and Burt.

138. **Elements of Mineralogy Laboratory.**—Blowpipe determination and quick recognition of the common and metallic minerals. Required with Geology 137. Winter quarter. Four hours.
Professors Morse and Burt.

159. **Economic Geology.**—A study of the nature, origin, distribution, etc., of the nonmetallic and metallic minerals of economic importance, particularly those of the United States. Required third year in Civil Engineering. Spring quarter. Three credit hours.
Professor Morse.

160. **Economic Geology Laboratory.**—A study of the properties of structural and other materials. Required with Geology 159. Spring quarter. Two hours. Professor Morse.

In addition to Geology 15-16, 19-20, 137-138, and 159-160, which are elective as well as required, the following courses are elective:

Second or Later Year.

23-24. **Elements of Paleontology.**—An introductory course to the study of fossil forms. Lectures, laboratory and field work. Prerequisite, Geology 15-16. Fall quarter. Five credit hours.
Professor Morse.

33-34. **Field Geology.**—The general methods of field geology, such as the construction and use of geologic and topographic maps and of geologic sections, the differentiation and correlation of formations, and the interpretation of the geologic history of an area. Lecture, laboratory, and field work. Prerequisite, Geology 15-16. Fall quarter. Five credit hours. Professor Morse.

35-36. **Subsurface Oil Geology.**—A determination of the geologic structure governing the accumulation of oil and gas as revealed by a careful study of the distribution of water, oil, and gas in the producing sands, in the various fields of the United States. Winter quarter. Five credit hours. Professor Morse.

37-38.. **Oil Geology.**—Practical experience in the methods of determining favorable structural conditions from surface beds and in the making of reports on prospective and producing properties. Spring quarter. Five credit hours. Professor Morse.

43-44. **Invertebrate and Stratigraphic Paleontology.**—A study of invertebrate fossil forms and the faunal succession of the formations. Prerequisite, Geology 15-16. Fall quarter. Five credit hours. Porefssor Morse.

45-46. **Invertebrate and Stratigraphic Paleontology.**—A continuation of Course 43-44. Winter quarter. Five credit hours. Professor Morse.

47-48. **Invertebrate and Stratigraphic Paleontology.**—A continuation of Course 45-46. Spring quarter. Five credit hours. Professor Morse.

63-64. **Advanced General Geology.**—An advanced course in general geology in which special emphasis is placed on the evolution of the North American continent. Prerequisite, Geology 15-16. Fall quarter. Five credit hours. Professor Morse.

65-66. **Advanced General Geology.**—A continuation of Course 63-64. Winter quarter. Five credit hours. Professor Morse.

67-68. **Advanced General Geology.**—A continuation of Course 65-66. Spring quarter. Five credit hours. Professor Morse.

73-74. **Soil Geology.**—A course dealing with those phases of general Zoology which are applicable to Agronomy. In the laboratory an extensive study is made of the common soil-forming rocks and minerals, and of the influences of climate and topography in their decomposition. Prerequisite, Geology 13-14. Elective, third or fourth year in Agriculture and in Agricultural Education. Winter quarter. Five credit hours. Professor Burt.

Fourth or Graduate Year.

211. **Advanced Geology.**—Subject, hours, and credits to suit the needs of special students. Prerequisite, Geology, two years. Professors Morse and Burt.

213. **Geologic Seminar.**—Current geologic literature. Major students during the fourth and graduate years. Any quarter. One or more credit hours. Professors Morse and Burt.

219. **Research Geology.**—Individual research problems in Stratigraphic, Historical, or Economic Geology. Hours and credits to suit the needs of special students. Prerequisite, Geology, three years. Professors Morse and Burt.

HISTORY AND CIVICS.

Professor Herbert; Professor Garner; Mr. Guyton.

History.

1. **Modern England** (Prerequisite, two high school units of history).—The growth of England from the beginning of the Tudor Period. The political history is clearly treated and the social and in-

dustrial movements emphasized. Three credits. Fall quarter. Required of Agricultural Freshmen.

3. **Modern History** (Prerequisite, two high school units of history).—The Renaissance, The Protestant Reformation, The Thirty Years War, The Puritan Revolution, and the Development of the States of Western Europe. Five credits. Winter quarter.

5. **Modern History** (a continuation of Course 3).—The French Revolution, The Napoleonic Era, and the events of European history down to the outbreak of the War, 1914. Five credits. Spring quarter. Required of Education Sophomores.

7. **Europe Since the Reformation** (Prerequisite, two high school units of history).—Beginning with the Thirty Years War, the course covers about the same field as Course 3. Three credits. Winter quarter. Required of Engineering Freshmen.

9. **Europe Since the Reformation** (a continuation of Course 7.)—Begining with the French Revolution, the course covers the same field as Course 5. The treatment is less extended because of lack of time. Four credits. Spring quarter. Required of Engineering Freshmen.

11. **Industrial History of England** (Prerequisite, two high school units of history.).—Industrial devolpment of England from the earliest time. The Manorial System, the Disappearance of Serfdom, Inclosures, the Guild System, Industrial Revolution, the Free Trade and Modern Labor Movements. Five credits. Fall quarter. Required of Business and Education Sophomores.

13. **Industrial History of the United States.**—The business aspects of early American civilization; colonial labor and money supply; colonial commerce and manufactures; the economic aspects of the Revolution; the Westward movement and the public lands; the expansion of manufacturers after the War of 1812; the protectionist movement; the development of internal improvements and railways; the economic causes and results of the Civil War; commercial and industrial expansion since the Civil War. Five credits. Spring quarter. Required of Education Sophomores.

15. **A Study of American Foreign Policy.**—This course begins with America's position of isolation at the time of Washington and traces in rapid review the most important steps in the development of our foreign policy until the United States became the leader of the world. Much of the time will necessarily be devoted to President Wilson's administration, the Great War, the league of nations. Three credits.

17. **Modern American History.**—The United States from the War of Secession up to the present time; the West and the Greenbacks, the last of the frontier, Populism, free silver, big business, imperialism, and the world war. Fall quarter. Five credit hours. Required Education Freshmen.

19. **Latin-American History.**—A brief study of the history, political and social conditions, and the economic development and possibilities of Latin-American countries. Three credit hours. Spring quarter. Elective.

Civics.

1. **American Government** (Prerequisite, one unit of American History and Government).—An elementary treatment. It is designed to give the students such facts and principles of government as will train them for better citizenship. Much library work is assigned.

Five credits. Winter quarter. Required of Education and Business Freshmen.

3. **Political Science** (Prerequisites, History 7 and 9).—A brief study of the "science of state." A study, from text-book and library, of the origin and historic evolution of the state; of the nature of its organization, its relation to the individuals that compose it, and its relations to other states; states as they exist to-day, stress being laid upon the governments of the United States and the leading nations of Western Europe. The text-book is Gettell's Introduction to Political Science. Five credits. Spring quarter.

5. **International Law** (Prerequisite, History 7 and 9).—Fundamental principle of international law, international relations, rights and obligations in peace and war; special emphasis on recent developments. Five credits. Spring quarter.

7. **American Government.**—Local, town, county, city, and state government in the United States, and a study of the Constitution of the United States and of Mississippi. Text-book: The New American Government and Its Work, by Young; collateral reading and reports on assigned topics. Five credits. Winter quarter.

Economics.

1. **Outlines of Economics** (Prerequisite, History 7 and 8).—Economic principles and problems relating to production and consumption. Three credits. Winter quarter. Required of Agricultural Seniors.

3. **Outlines of Economics** (Prerequisite, Economics 1).—Principles and problems relating to the distribution of wealth. Three credits. Spring quarter. Required of Agricultural Seniors.

5. **Principles of Political Economy** (Prerequisites, History 7 and 9).—An introduction to the study of economics. Text-book: Ely's Outlines of Economics, and free class discussion. Five credits. Winter quarter. Required of Engineering Seniors, Education Juniors and Business Sophomores.

7. **Money and Banking** (Prerequisite, Economics 5).—The principles of money, credit, and banking, and their exemplification in modern currency and banking history, particularly in the United States. Stress on present problems and conditions. Text: White's Money and Banking. Five credits. Spring quarter. Required of Business Sophomores.

9. **Taxation** (Prerequisite, Economics 5).—In addition to the general subject of taxation, stress will be laid on present day problems. Text: Seligman: Essay on Taxation. Readings: State Tax Commission Reports. Five credits. Spring quarter.

11. **Economics of the Great War and Reconstruction.**—This course deals with the economic side of the late war and reconstruction. The following are a few of the subjects treated in this course: War as a business venture; nature of modern war; resources of the belligerents; industrial mobilization; regulation of trade and industry during the war; food and fuel; transportation; labor; economic factors of peace. Three credits.

HORTICULTURE.

Professor McKay; Mr. Schmidt.

1. **Plant Propagation** (Prerequisite, Freshman Botany).—Fall quarter. Two credit hours. Required of Agricultural Sophomores. Taken only with Course 2.

2. **Plant Propagation Laboratory.**—Taken only with Course 1. Two hours.

3. **Home and Commercial Vegetable Gardening** (Prerequisites Horticulture 1 and 2, and Sophomore Chemistry).—Spring quarter. Three credit hours. Taken only with Course 4.

4. **Home and Commercial Vegetable Gardening Laboratory.**—Taken only with Course 3. Three credit hours. Required of Agricultural Juniors.

5. **Home and Commercial Orcharding, Including Nut Culture** (Prerequisites, same as Course 3).—Winter quarter. Three hours. Taken only with Course 6.

6. **Home and Commercial Orcharding Laboratory.**—Taken only with Course 5. Three hours.

13. **The Home Garden and Orchard, and Beautifying the Home Grounds.**—Spring quarter. Three credit hours. Taken only with Course 14. Required of second year two-year Agriculture.

14. **The Home Garden and Orchard, and Beautifying the Home Grounds (Laboratory).**—Four hours. Taken only with Course 13.

17. **Graduate Horticultural Research.**—Hours to be arranged.

MATHEMATICS.

Professor Walker; Assistant Professor Wallace; Mr. Fox.

1. **Solid Geometry.**—Lines, angles, and planes in space, polyhedrons, cylinders, cones, and the sphere. Five credit hours. Freshman year. Required of all Freshmen except Agricultural.

3. **College Algebra** (advanced).—Quadratics, indeterminate coefficients, binomial theorem, common logarithms, progressions, series. Five credit hours. Winter and Spring quarters. Freshman year. Required of Education, Business and General Science students.

5. **College Algebra** (advanced).—Quadratics, indeterminate coefficients, binominal theorem, common logarithms, progressions, series, and determinants. Five credit hours. Freshman year. Required of Engineering students. Winter quarter.

7. **College Alegbra** (Advanced).—Continuation of Course 5. Five credit hours. Spring quarter. Required of Engineering students.

9. **Mathematical Syllabus.**—Lessons in solid geometry, advanced college algebra, trigonometry, and mechanics. Five credit hours. Winter quarter. Sophomore year. Required of Agricultural students.

11. **Plane Trigonometry.**—Trigonometric functions of angles, the right angle, goniometry, the oblique triangle. Five credit hours. Spring quarter. Required of Science Freshmen.

13. **Plane and Spherical Trigonometry.**—Trigonometric functions of angles, the right angle, goniometry, the oblique triangle, the right spherical triangle, and the oblique spherical triangle. Five credit hours. Fall quarter. Sophomore year. Required of Engineering students.

15. **Analytic Geometry.**—Loci and their equations, the straight line, the circle, system of co-ordinates, and the conic sections. Five credit hours. Winter quarter. Sophomore year. Required of Engineering students.

17. **Analytic Geometry** (Continuation of Course 15).—Five credit hours. Spring quarter. Required of Engineering students.

19. **Differential Calculus.**—Differentiation of algebraic, logarithmic, and exponential functions; successive differentiation, indeterminate forms, expansion of functions, maxima and minima, points of inflexion, and singular points. Three hours; one-half year. Junior class. Required of Engineers.

21. **Integral Calculus.**—Standard forms, direct integration, definite integrals, integration of rational fractions, integration of rationalization, integration by parts, double and triple integration. Three hours; one-half year, Junior class. Required of Engineers.

23. **Analytic Mechanics.**—Composition and resolution of forces, movements, couples, centers of gravity, friction, machines, rectilinear and curvilinear motion, work and energy, moments of inertia. Nine credit hours. Three terms. Senior year. Required of Engineers.

25. **Advanced Analytic Geometry.**—Homogenous co-ordinates of point and line, principle of duality, poles and polars, reciprocal polars, loci of the second order, and elements of higher plane curves. Informal. Open to graduates only.

27. **Solid Analytic Geometry.**—Elements of analytic geometry of three dimensions, quadratic surfaces, and twisted curves and surfaces. Informal. Open to graduates only.

29. **Advanced Differential Calculus.**—Fundamental principles and general methods with applications to problems arising in mathematics and physics. Informal. Open to graduates only.

31. **Advanced Integral Calculus.**—A complete treatment of the various methods of integration, definite integrals, multiple in integrals and elliptic integrals, and the elements of differential equations. Informal. Open to graduates only.

33. **Theory of Equations.**—Study of algebraic equations, transformations, determinants, and the solution of numerical equations. Informal. Open to graduates only.

35. **Elements of Theory of Functions.**—Infinite series and integration, conformal representation, and algebraic functions and their integrals. Informal. Open to graduates only.

MECHANICAL ENGINEERING.

Professor Carpenter; Associate Professor Broadfoot; Mr. Lucas;
Mr. Cooley; Mr. Montgomery; Mr. Weatherly;
Mr. Pearson; Mr. Varnado.

1. **Wood Work.**—A lecture and quiz course in mechanical technology dealing with the names, use, and care of wood working tools; the installation and operation of wood working plants; the installation and equipment for manual training courses in the publc and high schools of the State, together with such library work pertaining to the history and teaching of mechanic arts as is necessary for those who expect to teach manual training. One hour. Required for Engineering Freshmen. Fall quarter. Required of Education Seniors who elect manual traing. Mr. Broadfoot, Mr. Montgomery, Mr. Weatherly.

2. **Bench Work.**—Elementary instruction in wood work, involving the use of ordinary hand tools, such as planes, saws, squares, chisels,

etc. The exercises given and the models executed are designed to make the student familiar with, and give him skill in the use of these tools. Four hours. Fall quarter. Required of Engineering Freshmen. Four hours. Fall quarter. Required of two-year agricultural short course students. Mr. Broadfoot and Mr. Montgomery.

4. **Cabinet Work (Prerequisite, Course 2).**—Continuation of Course 2. Drawing boards, cabinets, chairs, tables, etc., are constructed; hand finishing, scraping, sandpapering, staining, varnishing, and rubbing; the care and operation of power machinery, such as lathes, planers, band saws, joiners, etc. Six hours. Winter quarter. Required of Engineering Freshmen.
Mr. Broadfoot and Mr. Montgomery.

6. **Elementary Lathe Work.**—Turning between centers, face plate, and chuck work; finishing and polishing. Three hours. Spring quarter. Required of Engineering Freshmen.
Mr. Broadfoot and Mr. Montgomery.

8. **Pattern Making** (Prerequisites, Courses 1, 4, and 6).—Making simple patterns until fundamental operations are mastered, after which patterns of small machines, and machine repair parts are made. Three hours. Spring quarter. Required of Engineering Freshmen.
Mr. Broadfoot and Mr. Montgomery.

10, 12. **Problems in Farm Wood Work.**—Use and care of the ordinary hand tools. Steps, stairways, rafters, road drags, house framing, seed testers, and other problems pertaining more particularly to modern farm life will be made. Four hours. Winter and Spring quarters. Required of Agricultural Freshmen.
Mr. Broadfoot, Mr. Weatherly and Mr. Pearson.

16. **Wood Work.**—For manual training teachers. Review of the work ordinarily given in the high schools, together with advanced work in cabinet making, advanced knife work, card board construction and Venetian iron. Lecture, quiz, and library, pertaining particularly to the teaching of mechanic arts will be stressed. Open to summer normal students. No college credits. Time to be arranged.
Mr. Broadfoot, Mr. Weatherly and Mr. Pearson.

18. **Wood Work.**—A general course in manual training. Bench work, involving the use and care of the ordinary hand tools and advancing as rapidly as consistent to more difficult work along cabinet lines. Special attention will be given to gluing, scraping, sand-papering, staining, varnishing, and rubbing. Students will become familiar with power machinery, its care and installation. Ten hours. Spring quarter. Required of Education Freshmen.
Mr. Broadfoot, Mr. Weatherly and Mr. Pearson.

20. **Cabinet Work** (Prerequisite, Course 18).—Continuation of Course 18. Advanced work along cabinet lines. Special attention will be given to the art of teaching manual training. Ten hours. Fall quarter. Required of Education students who elect manual training. Mr. Broadfoot and Mr. Montgomery.

20a, 20b, 20c. **Cabinet Making and Design.**—Prerequisites, Freshman and Sophomore wood work. Fall, Winter and Spring quarters. Elective for Juniors and Seniors in Engineering.
Mr. Broadfoot and Mr. Montgomery.

22. **Manual Training.**—A course in Venetian iron and brass work. Ten hours. Winter term. Elective for Education Juniors electing manual training. Mr. Weatherly.

24. **Manual Training.**—A course in advanced knife work, cardboard construction, and paper folding. Ten hours. Spring quarter. Elective for Education Juniors electing manual training.
Mr. Weatherly.

26. **Lathe Work.**—This is the same as Course 6, except for time. The work is outlined especially for those students expecting to teach manual training. Ten hours. Fall quarter. Elective for Industrial Education Seniors electing manual training.
Mr. Broadfoot and Mr. Montgomery.

28. **Forge Work.**—Forge-craft, forge tools, and fires. Use of hand tools for elementary work, such as cutting, bending, shaping, drawing, upsetting, and welding different grades of wrought iron and mild steel. Three hours. Fall quarter. Required of all Engineering Sophomores. Mr. Cooley.

28a. Identical with Course 28. Arranged for students desiring extra work. Fall quarter. Three hours. Mr. Cooley.

30. **Forge Work.**—A continuation of 28. Machine forging, tool smithing, hardening, case hardening, annealing, and tempering. The metallurgy of iron and steel, is briefly considered. Compressed air blast, the use and care of furnace fires, the effect of high temperature on the structure of steel, and the treatment of high speed tools. Three hours. Winter quarter. Required of all Engineering Sophomores. Mr. Cooley.

30a. Identical with Course 30. Arranged for students desiring extra work. Winter quarter. Three hours. Mr. Cooley.

32. **Forge Work.**—The same as 30. With practical work pertaining to farm. Forging chain links, hooks, open rings, and treating the materials of which the metal parts of agricultural implements are made. Six hours. Winter quarter. Required in Agricultural short course. Elective for Agricultural Seniors. Mr. Cooley.

34. **Foundry.**—Principles of foundry practice, with patterns made by the students. The work consists of small articles, such as light machine parts, and the stock pieces used for exercise work in the machine shop. A sufficient variety is introduced for the student to acquire a good general knowledge of the usual methods and appliances used in light foundry work. Most of the work is in green sand in two part flasks, but some core work and more complicated work is introduced to illustrate the processes in advanced foundry work. Instruction is given in operating the cupola and in pouring. Foundry practice is supplemented by notes on the metallurgy and working of the metals used in the industrial arts. Three hours. Spring quarter. Required of Engineering Sophomores. Mr. Cooley.

34a. Identical with Course 34. Arranged for students desiring extra work. Spring quarter. Three hours. Mr. Cooley.

36, 38, 40. **Machine Shop.**—Machine shop practice involving the use of bench tools, the drill press, lathes, planers, shapers, and milling machines. Lectures will be given on the proper use of tools, the maintenance of power transmission machinery, use of accurate measuring instruments, proper methods of manufacturing shop tools and machinery, and practice in layout work from blue prints. Six hours. Winter and Sprng quarters. Mr. Lucas.

42, 44, 46. **Machine Shop.**—Fundamental principles of correct machine shop practice. Lectures and practical demonstrations are given, supplemented by machine parts or tools instead of exercises, thus involving the practice of straight and taper turning, facing, threading, finishing and knurling on the lathe. Practice on the planer, shaper, and milling machines is given. Three hours. Fall, Winter and Spring quarters. Required of Mechanical Engineering, and Electrical Engineering Juniors. Mr. Lucas.

42a, 44a, 46a. Same as above courses for students desiring extra work. Fall, Winter, and Spring quarters.

48, 50, 52. **Machine Shop.**—A continuation of 42, 44, 46, involving the advanced use of tools, tool making, repairs, heat treatment of steel, oxy-acetylene welding and cutting. Lectures will be given from time to time on the proper use of tools and their maintenance. Required of Mechanical Engineering Seniors. Three hours. Fall, Winter, and Spring quarters. 50 and 52 required of Electrical Engineering Seniors. Three hours. Winter and Spring quarters. Mr. Lucas.

48a, 50a, 52a. Elective for Seniors desiring extra work.
Mr. Lucas.

3, 5, 7. **Engineering Mechanics.**—Leading up to general engineering design and embracing: (1) various mechanisms employed in machine construction; (2) theoretical design with regard to strength of the elements of machines and other structures such as beams, girders, shafts, cylinders, etc. Two hours. Fall, Winter, and Spring quarters. Required of Mechanical and Electrical Engineering Juniors.
Mr. Carpenter.

9, 11, 13. **Mechanical Engineering.**—Steam engines and steam boilers. Lectures and recitations on the generation of steam, the design, construction, operation, and testing of boilers of different types, together with the necessary boiler plant accessories. Elementary thermodynamics of the heat engine, and the mechanics, design, construction, operation, and testing of the steam engine. Three hours. Fall, Winter, and Spring quarters. Required of Mechanical and Electrical Engineering Juniors. Mr. Carpenter.

54, 56, 58. **Steam and Gas Engineering (Laboratory).**—Three hours. Fall, Winter and Spring quarters. Required of Mechanical Engineering and Electrical Engineering Juniors. Mr. Carpenter.

60, 62, 64. **Machine Drawing** (Prerequisite, all required Drawing in Freshman and Sophomore class).—Practical work on the drawing board, designed to familiarize the student with the elements of machines, and later the combinations of the elements into complete machines. The drawing room methods of the leading manufacturing plants are followed closely. The principles of design studied in the class room are applied, and details are designed with special regard to economy of manufacture. Three hours. Fall, Winter, and Spring quarters. Required of Mechanical and Electrical Juniors.
Mr. Lucas.

66, 68, 70. **Engineering Design** (Prerequisite, Mechanical Engineering 60, 62, 64, and 3, 5, 7).—Design of steam boilers, steam engines, pumping machinery, etc., with reference to strength, speed regulation, construction, and economic operation; design and arrangement of power plants. Practice, three hours. Fall, Winter, and Spring quarters. Required of Mechanical and Electrical Engineering Seniors. Mr. Lucas.

17. **Heating and Ventilating.**—The different methods of heating and ventilation of buildings; design and operation of the different systems. Five hours. One-half Winter quarter. Required of Mechanical Engineering Seniors. Mr. Carpenter.

19. **Plumbing and Sanitation.**—Lectures on plumbing, fitting, fixtures, and combinations and the correct installation of the same, including vents, drains, etc. Five hours. One-half Winter quarter. Required of Mechanical Engineering Seniors. Mr. Carpenter.

21. **Steam Turbines.**—Construction and operation of the different types of steam turbines as used in the modern power plants. Two hours. Spring quarter. Required of Mechanical Engineering Seniors. Mr. Carpenter.

23. **Gas Engines and Gas Producers.**—Construction and operation of gas engines and producers as used in modern gas producer power plants. Five hours. One-half Spring quarter. Required of Mechanical Engineering Seniors. Mr. Carpenter.

25. **Mechanical Refrigeration.**—Principles of construction and operation of the several ice-making systems; design and installation of cold storage compartments. An ice and cold storage plant is a part of the central power plant equipment, and a complete test of this plant is required. Five hours. One-half Spring quarter. Required of Mechanical Engineering Seniors. Mr. Carpenter.

27, 29, 31. **Mechanical Engineering.**—Two hours per week. Fall, Winter and Spring terms. Subjects to be arranged. Required of Mechanical Engineering Seniors. Mr. Carpenter.

72. **Mechanical Laboratory.**—Testing of strength of materials, as iron, steel, wood, and cement in tension, compression, torsion, and transverse loading. Three hours. Fall quarter. Required of Civil Engineering, Mechanical Engineering, and Electrical Engineering Seniors. Mr. Carpenter.

74, 76. **Mechanical Laboratory.**—Fuel analysis, oil and lubricant testing, and indicator card analysis; test of engines, boilers, steam turbines, gasoline engines, and complete tests of power plants. Three hours. Winter and Spring quarters. Required of Mechanical Engineering Seniors. Mr. Carpenter.

MILITARY SCIENCE AND TACTICS.

Professor Elting; Assistant Professor Purdie.

The work of the department of Military Science has been reorganized as follows:

Under provisions of Bulletin No. 46, War Department, Washington, October 31, 1916, by direction of the President of the United States, there is hereby established at Mississippi Agricultural and Mechanical College, Agricultural College, Missisippi, an Infantry Unit of the Senior Division, Reserve Officers' Training Corps.

For the purpose of organization, control, instruction, and discipline, the students compose a corps of cadets, organized as an infantry regiment, consisting of a band and three (3) battalions of four (4) companies each, the administration of which conforms, as far as possible, to similar units of the regular army. All students are required to take this training for two years.

The appointments of cadet officers and non-commissioned officers of the corps of cadets, are made from the members of the junior and senior classes who have completed two academic years of service and have been selected for further military training. The cadet officers and non-commissioned officers participate in the administration and training, and share the responsibility. This is designed to develop the greatest possible initiative and responsibility on the part of the student.

The student who, after completing two years of academic service and after being selected for further training, who executes an agreement in writing to continue in the reserve officers' training corps during the remainder of the course, and devote five (5) hours per week during such period to the prescribed training, and to pursue the course of camp training, will be entitled to commutation of subsistence, fixed by the Secretary of War, in accordance with law. This agreement does not obligate the student to serve the United States in any capacity in peace or war.

1. **Military Science and Tactics.**—Lectures in organization, military courtesy, and discipline. Practical instructions in: school of the soldier, school of the squad, school of the platoon, company drill, and physical exercises. Fall quarter, first year.

3. **Military Science and Tactics.**—Lectures in care of small arms and equipment and the infantry pack. Practical instruction in battalion drill, both close and extended order. Ceremonies, bayonet exercises, signalling. Winter quarter, first year.

5. **Military Science and Tactics.**—Lectures on the rifle and theory of fire, target practice, range instruction, personal hygiene and sanitation, interior guard duty, and minor tactics. Practical small arms firing, minor tactics, and ceremonies. Spring quarter, first year.

7. **Military Science and Tactics.**—Lectures in organization, military courtesy and discipline. Practical instructions in: school of the soldier, school of the squad, school of the platoon, school of the company, school of the battalion, ceremonies and marching, bayonet exercises, and hand grenades. Fall quarter, second year.

9. **Military Science and Tactics.**—Lectures on liason, topography, field engineering, orders and messages. Practical work in: minor tactics, topography, drills, and ceremonies. Winter quarter, second year.

11. **Military Science and Tactics.**—Lectures in: the military policy of the United States, military law, and common law as related to military matters. Practical problems in: minor tactics, small arms firing, signalling, drills and ceremonies. Spring quarter, second year.

13. **Military Science and Tactics.**—Lectures and instruction in: camp sanitation, minor tactics, liaison, topography, automatic rifles, 37 mm. guns, etc. Practical instruction in close order infantry drills, acting as non-commissioned officers. Fall quarter, third year.

15. **Military Science and Tactics.**—Lectures and instruction in: small arms firing, personal hygiene, first aid and sanitation, interior guard duty, orders and messages. Practical instruction in: extended order drills, minor tactics, etc., acting as non-commissioned officers. Winter quarter. Third year.

17. **Military Science and Tactics.**—Lectures and instruction in: Field engineering, military policy, etc. Practical: topography, field engineering, minor tactics, close and extended order drills, and ceremonies. Spring quarter, third year.

19. **Military Science and Tactics.**—Lectures and instruction in: minor tactics, topography, and map reading, military law, and military policy of the United States. Practical work: in close order drills and

ceremonies, guard duty, etc., acting as commissioned officers. Fall quarter, fourth year.

21. **Military Science and Tactics.**—Lectures and instructions in: field engineering, military history, hippology, small arms firing, etc. Practical work in: Extended order drills and problems in minor tactics, acting as commissioned officers. Winter quarter, fourth year.

23. **Military Science and Tactics.**—Map problems, terrain exercises and tactical problems, acting as commissioned officers. Practical work in: extended order drills and problems in minor tactics, acting as commissioned officers. Spring quarter, Fourth year.

Training for Coast Artillery Units.

Military Science and Tactics 1, 3, and 5 are identical with corresponding courses for infantry units of the senior division.

25. **Military Science and Tactics.**—Two hours per week; identical with 7 for infantry units of the senior division. One hour per week; coast artillery drill regulations; general principles of employment of coast (heavy) artillery; personnel; formations and marching manoeuvers. Fall quarter, second year.

27. **Military Science and Tactics.**—Two hours per week; indentical with 9 for infantry units of the senior division. One hour per week; coast artillery drill regulations; the battery command; fire direction and control. Winter quarter, second year.

29. **Military Science and Tactics.**—Two hours per week; identical with 11 for infantry units of senior division. One hour per week; coast (heavy) artillery material; apparatus used in fire control; care of material; storage and care of explosives. Spring quarter, second year.

31. **Military Science and Tactics.**—Two hours per week; identical with 13 for infantry units of the senior division. Three hours per week; gunnery for coast (heavy) artillery field service; the trajectory and its elements; range tables. Fall quarter, third year.

33. **Military Science and Tactics.**—Two hours per week; identical with 15 for infantry units of the senior division. Three hours per week; gunnery for coast (heavy) artillery field service; ballistic corrections; calculation of firing data. Winter quarter, third year.

35. **Military Science and Tactics.**—Two hours per week; identical with 17 for infantry units of the senior division. Three hours per week; orientation for coast (heavy) artillery; elements of topography; angular measurements; linear measurements; use of plane table; intersection; resection; topographic reconnaissance. Spring quarter, third year.

37. **Military Science and Tactics.**—Two hours per week; identical with 19 for infantry units of the senior division. Three hours per week; coast (heavy) artillery ordnance. Fall quarter, fourth year.

39. **Military Science and Tactics.**—Two hours per week; identical with 21 for infantry units of the senior division. Three hours per week; coast (heavy) artillery exterior ballistics. Winter quarter, Fourth year.

41. **Military Science and Tactics.**—Two hours per week; identical with 23 for infantry units of the senior division. Three hours per week; coast (heavy) artillery tactical organization and problems. Spring quarter, fourth year.

MODERN LANGUAGES.

Professor Towles; Mr. Seilin.

French.

101. **Elementary French.**—Essentials of French grammar. Special attention to pronunciation. Written and oral exercises. Simple translation. Fall quarter. Five credits. Mr. Seilin.

103. **Elementary French.**—Less extensive than Course 101. Winter quarter. Three credits. Mr. Seilin.

105. **Elementary French** (Prerequisite, French 101).—Continuation of Course 101. Translation of about 200 pages of a simple French reader. Written and oral exercises daily. Winter quarter. Five credits. Mr. Seilin.

107. **Elementary French** (Prerequisite, French 101 or 103).—Continuation of Course 103. Translation of about 100 pages of simple French. Spring quarter. Three credits. Mr. Seilin.

109. **Elementary French** (Prerequisite, French 101 and 105).—Continuation of Course 105. Daily drill in irregular verbs. Reading of modern comedy. Spring quarter. Five credits. Mr. Seilin.

125. **Elementary French** (Prerequisite, six credit hours in French).—The reading of general scientific articles in French. Three credits. Mr. Seilin.

111. **Advanced French** (Prerequisite, French 101, 105, 109).—Studies in modern literature, in writing and in speaking French. Fall quarter. Five credits. Professor Towles.

115. **Advanced French** (Prerequisite, French 101, 105, 109).—Selected translation from de Maupassant, Zola, Flaubert, and others. Advanced composition. Winter quarter. Five credits. Professor Towles.

119. **Advanced French** (Prerequisite, French 101, 105, 109).—Classical drama. Reports written in French. Spring quarter. Five credits. Professor Towles.

123. **Advanced French** (Prerequisite, French 101, 105, 109).—Conversation, composition, general literature. Five credits. Professor Towles.

127. **History of French Literature** (Prerequisite, French 101, 105, 109).—Conducted mainly in French. Daily written reports and transcriptions. Spring quarter. Five credits. Professor Towles.

Spanish.

201. **Elementary Spanish.**—Essentials of grammar. Pronunciation. Reading of simple Spanish. Fall and Winter quarters. Five credits. Mr. Seilin.

203. **Elementary Spanish.**—Same as Course 201, but less extensive. Spring quarter. Three credits. Mr. Seilin.

205. **Elementary Spanish** (Prerequisite, Spanish 201).—Essentials of grammar. Simple readings on Spanish-American history and customs. Composition. Winter and Spring quarters. Five credits. Mr. Seilin.

207. **Elementary Spanish** (Prerequisite, Spanish 201 or 203).—

Less extensive than Course 205 and leading towards the reading of scientific and commercial Spanish. Fall quarter. Three credits. Professor Towles.

209. **Elementary Spanish** (Prerequisite, Spanish 201 and 205).—Drill in irregular verbs. Composition. The reading of a novel in Spanish. Spring quarter. Five credits. Mr. Seilin.

225. **Elementary Spanish** (Prerequisite, six credit hours in Spanish).—The reading of scientific articles in Spanish. Winter quarter. Three credits. Professor Towles.

211. **Advanced Spanish** (Prerequisite, Spanish 201, 205, 209).—Modern drama. Periodicals. Composition. Fall quarter. Five credits. Professor Towles.

215. **Advanced Spanish** (Prerequisite, Spanish 201, 205, 209).—Spanish-American literature. Periodicals. Correspondence. Winter quarter. Five credits. Professor Towles.

219. **Advanced Spanish** (Prerequisite, Spanish 201, 205, 209).—Classical drama. Reports in Spanish upon the plays read in class. Spring quarter. Five credits. Professor Towles.

223. **Advanced Spanish** (Prerequisite, Spanish 201, 205, 209).—Short stories. Composition. Five credits. Professor Towles.

227. **History of Spanish Literature** (Prerequisite, Spanish 201, 205, 209).—Conducted mainly in Spanish. Daily written reports. Spring quarter. Five credits. Professor Towles.

Portuguese.

301. **Elementary Portuguese.**—Rapid review of the grammar. Reading of simple selections, and practice in the spoken language. Fall quarter. Five credits. Professor Towles.

Italian.

401. **Elementary Italian.**—Pronunciation, grammar, elementary reading and composition. Winter quarter. Five credits. Mr. Seilin.

403. **Intermediate Italian** (Prerequisite, Italian 401).—Grammar review. Reading of simple stories and plays. Composition. Spring quarter. Five credits. Professor Towles.

German.

501. **Elementary German.**—Pronunciation. Essentials of grammar. Simple reading. Composition. Fall quarter. Five credits. Mr. Seilin.

521. **Elementary German.**—Rapid grammar review. Simple reading. For students who have had some German in high school. Winter quarter. Three credits. Professor Towles.

503. **Elementary German** (Prerequisite, German 501).—Grammar and composition continued. Simple stories and plays. Winter quarter. Five credits. Mr. Seilin.

505. **Elementary German** (Prerequisite, German 501 and 503).—Grammar and composition. Modern prose literature. Spring quarter. Five credits. Mr. Seilin.

507. **Advanced German** (Prerequisite, German 501, 503, 505).—Advanced composition. Reading of two plays by Schiller. Fall quarter. Five credits. Professor Towles.

509. **Advanced German** (Prerequisite, German 501, 503, 505).—Advanced composition. Lessing and Goethe. Winter quarter. Five credits. Professor Towles.

511. **Advanced German** (Prerequisite, German 501, 503, 505).—Advanced composition. General survey of German literature. Conducted chiefly in German. Spring quarter. Mr. Seilin.

519. **Scientific German** (Prerequisite, German 501, 503, 505).—General introduction to scientific German, with particular stress upon chemical terminology. Spring quarter. Five credits. Professor Towles.

525. **Scientific German** (Prerequisite, German 501, 503, 505).—History of chemistry in German. Spring quarter. Five credits. Professor Towles.

Latin.

711. **Latin** (Prerequisite, four units in Latin).—Livy, Books I and XXI. Grammar review. Prose composition. Parallel readings. Fall quarter. Five credits. Professor Towles.

713. **Latin** (Prerequisite, Latin 711).—Livy, Book XXII; Horace, Odes, Book I. Prose composition. Grammar. Memory work. Winter quarter. Five credits. Professor Towles.

715. **Latin** (Prerequisite, Latin 711, 713).—Horace, selected odes, satires, and epistles. Prose composition. Grammar. Spring quarter. Five credits. Professor Towles.

MUSIC.

Mr. Weatherly.

1. **Beginners.**—Fall quarter; one hour; no credit. Elective.

2. **Public School Music.**—Fall and winter quarters. Two credits each quarter. Elective.

3. **Military Band.**—Credit depends on work. Elective.
4. **Orchestra.**—Credit depends on work. Elective.
5. **Glee Club.**—Credit depends on work. Elective.

PHYSICAL EDUCATION.

Professor Chadwick; Mr. Robinson; Mr. Hayes.

2. **Physical Education.**—Exercises for the correction of minor bodily defects, improper carriage, and posture; miscellaneous games and contests to promote bodily skill and give recreation. Two hours. Fall quarter. Required of Freshmen.

4. **Physical Education.**—Continuation of the work of the first quarter. Two hours. Winter quarter. Required of Freshmen.

6. **Physical Education.**—Continuation of work of first and second quarters. Two hours. Spring quarter. Required of Freshmen.

8. **Foot Ball.**—Study of Rules. Practice. Games. Four hours. Fall and Winter quarters.

10. **Basket Ball.**—Study of rules with practice and a series of games. Four hours. Fall and Winter quarters.

11. **Field and Track Athletics.**—Talks on training. Practice. Meets. Four hours. Fall and Spring quarters.

12. **Cross Country Running.**—Talks on training. Practice. Meets. Four hours. Fall and Winter quarters.

14. **Base Ball.**—Study of rules. Practice. Inter-class games. Four hours. Spring quarter.

16. **Tennis.**—Study of rules. Practice. Tournaments. Four hours. Spring quarter.

20. **Athletic Coaching.**—Instruction in the organization, conduct, and coaching theory and practice of competitive athletic games, foot ball, base ball, basket ball, and track. Intended for those who expect to have charge of athletics in the secondary schools. Four hours. Spring quarter. Elective.

PHYSICS.

Professor Moody; Associate Professor Moore;
Assistant Professor Staley; Mr. Hutchinson; Mr. Simonton;
Mr. Berry; Mr. Martin.

1, 3. **Elementary Physics.**—An elementary course in Physics, consisting of lectures, recitations, and problems in which particular stress is laid upon mechanics, heat, and electricity. Four credit hours per week. Winter and Spring quarters. Required of Agricultural Freshmen.

2, 4. **Elementary Physics Laboratory.**—A laboratory course in general Physics dealing with elementary problems in mechanics, heat, and electricity. One hour per week. Winter and Spring quarters. Required of Agricultural Freshmen.

5, 7. **Physics.**—An abbreviated general course in Physics, dealing with elements of all divisions of the subject and adapted to the needs of students in Education. Prerequisite, Mathematics. One and three credit hours. Fall and Winter quarters. Required of Sophomores in Education.

6, 8. **Physics Laboratory.**—A laboratory course in Physics to accompany Physics 5 and 7. One hour. Fall and Winter quarters. Required of Sophomores in Education.

9, 11, 13. **Physics.**—A general course in Physics arranged to suit the needs of students in Science. Prerequisite, Mathematics 1, 3, and 11. Four credit hours. Fall, Winter and Spring quarters. Required of Sophomores in Science.

10, 12, 14. **Physics Laboratory.**—A general laboratory course in Physics to accompany Physics 9, 11, and 13. Two hours in Fall, three in Winter, and one in Spring quarters. Required of Sophomores in Science.

15, 17, 19. **Physics.**—A general course in Physics, arranged to meet the needs of students in Engineering. Prerequisite, Mathematics 1, 5 and 7. Four credit hours in Fall, Winter and Spring quarters. Required of Engineering Sophomores.

16, 18, 20. **Physics Laboratory.**—A general course in Physics laboratory to accompany and required of those taking Physics 15, 17, and 19. Two hours in Fall, Winter, and Spring quarters. Required of Engineering Sophomores.

21, 22. **Electrical Measurements.**—A brief course in advanced electrical measurements. Prerequisites, Physics 19 and Mathematics 19. One hour lecture and one two-hour laboratory period per week. Fall quarter. Required of Electrical Engineering Juniors, also of Electrical Engineering Seniors in Spring 1920-1921.

23, 24. **Advanced Mechanics.**—A course dealing with balance and weighing, density and specific gravity determinations, manometers and gauges, time, length, area, volume, and angle measurement. Prerequisites Physics 13 or 19 and Mathematics 11. Three hours lecture and recitation; six hours laboratory. Elective.

25, 26. **Advanced Heat.**—A course dealing with thermometry, pyrometry, calorimetry, temperature regulation, change of state, vapor pressures and densities. Prerequisites and time same as Physics 23-24. Fall quarter. Elective.

27, 28. **Advanced Light.**—A course dealing with refractometry; spectrometry, photometry, colorimetry, miroscopy, and polarization. Prerequisites and time same as Physics 23-24. Winter quarter. Elective.

29, 30. **Advanced Electricity.**—A course dealing with resistance measurements, potential, conductivity, power and heating galvanometers, potentiometers, electrometers, X-rays, and radioactivity. Prerequisites and time same as for Physics 23-24. Spring quarter. Elective.

31, 32. **Wireless Telegraphy.**—A course dealing with elementary and more advanced theory, radio circuits and modern radio apparatus, laboratory and field practice. Prerequisites and time same as Physics 23-24. Elective.

33, 34. **Photography.**—A course dealing with optical theory of photography, lenses, and various cameras, with practice with various subjects, cameras, and plates, and practice in development and fixing of plates and films. Prerequisites and time as for Physics 23-24. Elective.

35, 36. **Advanced Heat.**—A continuation of Physics 25-26. Winter quarter. Elective.

37, 38. **Advanced Light.**—A continuation of Physics 27-28. Spring quarter. Elective.

39, 40. **Advanced Electricity.**—A continuation of Physics 29-30. Fall quarter. Elective.

POULTRY HUSBANDRY.

Professor Clayton.

1. **Farm Poultry.**—Fall quarter. One credit hour. Required first year Agriculture.

2. **Farm Poultry** (Laboratory accompanying Course 1).—Two hours.

9. **Farm Poultry.**—Winter quarter. Three credit hours. Required two-year short course.

10. **Farm Poultry** (Laboratory).—Winter quarter. Two hours.

5. **Egg Farming** (Prerequisite, Courses 1 and 2).—Winter quarter. Three credit hours.

6. **Laboratory** (accompanying Course 5).—Two hours.

7. **Egg Farming** (continuation of Course 5).—Spring quarter. Three credit hours.

8. **Laboratory** (accompanying Course 7).—Two hours.

PUBLIC DISCOURSE.

Professor Mellen; Mr. ————

Public Writing.

3. **Business Correspondence.**—Prerequisites, English 7, 9, 11, or equivalents. Studies in the technique of business letter-writing and conversation. Methods of producing the desired effect. Applications, orders, and acknowledgements. Filing of correspondence. Five hours. Fall and Winter quarters. Required of Business and of Education Sophomores.

5. **Advertising.**—Prerequisite, Course 3. Circulars; follow-up letters; preparation of copy; ethics of advertising; display; value of white space; where to advertise. Five hours. Winter quarter. Required of Business Sophomores.

7. **Vocational Writing: Reporting.**—Prerequisites, English 7, 9, 11, 15, or equivalents. First course in Journalism. Reports, articles, announcements; related to the student's vocation. News gathering, copy writing. Theory and practice. Five hours. Any quarter.

9. **Journalism: Editing.**—Prerequisite, Course 7. Policy of the paper; proof reading; editing. Theory and practice. Five hours. Fall quarter.

11. **Journalism: Managing.**—Prerequisite, Course 9. Management, circulation, advertising. Five hours. Winter quarter.

13. **Thesis.**—Prerequisites, English 7, 9, 11, 15, or equivalents. The writing of bulletins, booklets, and reports; illustrations and diagrams. Five hours. Any quarter.

Public Speaking.

15. **The Public Meeting.**—Prerequisites, English 7, 9, 11, or equivalents. Organization of the typical community meeting. Committee assignments. Study of rural and urban problems. Preparation of bills. Preparation of the argument. Parliamentary practice. Three hours. Any quarter. Required of Agricultural Sophomores.

17. **The Public Meeting.**—Similar to 15, but more extensive. Five hours, spring quarter. Required of Business and Education Sophomores.

19. **Extension Talks** (open to advanced students).—Study of the probable audience and the occasion. Required readings. Preparation of a practical talk; graphic illustration; delivery before a public audience. Five hours. Fall quarter, and at option of head of the department.

21. **Debate** (open to advanced students).—Preparation of arguments on practical, live subjects; of interest to local and intercollegiate debaters and to prospective public leaders. Five hours. Any quarter, at option of head of department.

23. **Persuasion** (open to advanced students).—Five hours. Spring quarter.

25. **Interpretative Reading.**—Analysis of various selections; study of structure; pausing; articulation; delivery. Five hours. Any quarter.

27. **Dramatics.**—Prerequisite, Course 25. Analysis of a drama, preparation of parts, presentation. Five hours. Spring quarter.

Public Topics.

1. **Current Topics.**—A study of current questions—agricultural, business, pedagogic, engineering, social, political, scientific. Statesman's Year-Book, and other publications are used. Five hours. Any quarter, at option of head of the department.

31. **Community Service.**—Study of Mississippi conditions—economic, social, educational, religious, political. Survey of a typical community. Some practice in correcting adverse conditions, especially through journalism and public speaking. Five hours. Any quarter, at option of head of department.

TRADE AND INDUSTRIAL EDUCATION.

Professor Broadfoot.

1. **Trade Analysis.**—This course will consist of cataloguing the content of a trade. Three credit hours. Fall quarter. Junior year.

3. **Trade Analysis.**—This is a continuation of Course 1. The material catalogued above will be arranged in a logical teaching sequence for presentation. Three credit hours. Winter term. Junior year.

5. **Theory of Teaching Trades.**—This course will consist of lesson planning, preparation, presentation, application, and testing.

7. **Theory and Administration of Vocational Education.**—Three credit hours. Fall quarter. Senior year.

9. **Government and Industry.**—Three credit hours. Winter term. Senior year.

11. **Principles of Education.**—Three credit hours. Spring quarter. Senior year.

VETERINARY DEPARTMENT.

Professor Ranck; Associate Professor Jones.

1. **Comparative Anatomy and Physiology and Examination for Soundness.**—Spring quarter. Four credits. Required of Agricultural Sophomores.

3. **Elementary Animal Diseases.**—Fall quarter. Four credits. Required first year two-year Agriculture.

5. **Infectious Diseases of Animals** (Prerequisite, Course 1.)—Spring quarter. Three credits. Required of Agricultural Seniors.

7. **Elementary Meat and Milk Inspection,** including killing and curing meats on the farm.—Prerequisite, Course 1.

9. **Veterinary Obstetrics and Embryology** (Prerequisite, Course 1).—Spring quarter. Five credits.

11. **Practical Use of Medicine on the Farm.**—(Prerequisite, Course 1.) Fall quarter. Five credits.

13. **Common Diseases of Farm Animals.**—Four credits. Course 1.

15. **Practical Kitchen Meat and Milk Inspection.**—Two credits.

17. **Handling Farm Animals.**—Spring quarter. Three credits. Prerequisite, Course 1.

ZOOLOGY AND ENTOMOLOGY.

Professor Harned; Associate Professor Lobdell;
Assistant Professor Staffard; Miss Hoke.

1. **Invertebrate Zoology.**—A general course. Morphology, reproduction, physiology, classification, habits, life history, geographical distribution, and economic importance of invertebrate forms. Text: Hegner's College Zoology. Two credit hours. Fall quarter. Required in Agricultural and Science Schools. Mr. Stafford and Miss Hoke.

2. **Invertebrate Zoology (Laboratory).**—To accompany Course 1. Four hours. Mr. Stafford and Miss Hoke.

3. **Vertebrate Zoology** (Prerequisites, Zoology 1 and 2).—A continuation of Course 1, dealing with vertebrate forms. Text: Hegner's College Zoology. Two credit hours. Winter quarters. Required in Agricultural and Science Schools. Mr. Stafford and Miss Hoke.

4. **Vertebrate Zoology (Laboratory).**—To accompany Course 3. Four hours. Mr. Stafford and Miss Hoke.

5. **General Entomology** (Prerequisite, Zoology 1).—About equal attention is given to insect morphology, taxonomy, and biology. Text: Comstock's Manual for the Study of Insects. Four credit hours. Spring quarter. Required in Agricultural and Science Schools.
Mr. Harned and Mr. Stafford.

6. **General Entomology (Laboratory).**—To accompany Course 5. Six hours. Spring quarter.
Mr. Harned, Mr. Stafford and Miss Hoke.

7. **Economic Entomology** (Prerequisite, Zoology 5).—A study of beneficial and injurious insects of Mississippi, special attention being given to life histories, habits, and control measures of injurious forms. Two credit hours. Fall quarter. Laboratory work can be done during summer. Required in Agricultural School. Mr. Harned.

8. **Economic Entomology.**—Laboratory and field course to accompany Course 7. Two hours· Fall quarter.
Mr. Harned, Mr. Stafford and Miss Hoke.

9.. **Advanced Entomology** (Prerequisite, Zoology 5).—Anatomy, physiology, histology, development, and biology of insects. Five credit hours. Winter quarter. Mr. Harned.

10. **Insect Morphology (Laboratory,** Prerequisite, Zoology 3).—Ten hours. Winter quarter. Mr. Stafford.

11. **Advanced Economic Entomology** (Prerequisite, Zoology 7).—Life history and control of injurious insects, assigned problems. library work. Five credit hours. Winter quarter. Mr. Harned.

12. **Insect Morphology (Laboratory).**—Continuation of Course 10. Ten hours. Spring quarter. Mr. Stafford.

13. **Continuation of Course 11.**—Continuation of Course 11. Five credit hours. Spring quarter.

14. **Systematic Entomology** (Laboratory, Prerequisite Course 10).—Classification of insects based especially on a study of one family or order. Ten hours. Each quarter.

15, 16. **Special Problems.**—Problems, hours and credits arranged individualy. Each quarter.

17, 18. **Medical and Veterinary Entomology** (Prerequisite Zoology 5).—Insects in their relation to disease and as pests to man and domestic animals, methods of control and prevention. Three hours in class and four hours in laboratory and field. Spring quarter. Mr. Stafford.

19, 20.—**Apiculture (Prerequisite Zoology 5).**—The essentials of bee-keeping. Three hours in class, and four hours in laboratory, field and library. Spring quarter. Mr. Harned.

21. **Entomological Literature.**—Two credit hours. Winter quarter. Mr. Harned.

23, 24. **Nature Study.**—Designed for school teachers. Elementary studies of animal life. Three hours in class, and four in laboratory and field. Summer. Mr. Lobdell.

25, 26. **Elementary Zoology and Entomology.**—A general survey of the animal kingdom with special reference to injurious and beneficial species. Four hours in class, and six hours in field and laboratory. Fall quarter. Two-year course in Agriculture. Miss Hoke.

27. **Vertebrate Anatomy** (Prerequisites, Zoology 3 and 4).—Spring quarter. Two credit hours.

28. **Vertebrate Anatomy (Laboratory).**—To accompany Course 27. Spring quarter. Three hours.

29. **Protozoology** (Prerequisites, Zoology 1 and 2).—Spring quarter. Two credit hours.

30. **Protozoology (Laboratory).**—To accompany Course 29. Spring quarter. Two hours.

31. **Ornithology.**—Spring quarter. Two credit hours. Mr. Lobdell.

32. **Ornithology.**—Field and laboratory course to accompany Course 31. Spring quarter. Two hours. Mr. Lobdell.

SERVICE BUREAU

William Hall Smith, B. S., LL. D., President of the College.
Francis Pendleton Gaines, M. A......Director of the Bureau.
Nannie H. Rice, M. A..............Secretary of the Bureau.
C. M. Tingle...............Supervisor of Visual Instruction.

The Service Bureau is that branch of the College which seeks to extend into the broadest possible fields the varied activities of the institution. In its present organization, the Bureau operates through four agencies:

Correspondence-Study Department.

The sufficient argument for the presentation of college courses to students, teachers, investigators, citizens, and even organizations, who cannot come to the College for resident courses is found not alone in the striking growth of this work over the nation at large, but also in the fact that during the present session more than one hundred Mississippians have enrolled for this work as offered by the Bureau.

About sixty-five courses, many of them carrying college credit, are now included in the curriculum of the correspondence-study department. Each course is divided into twelve lessons, a lesson representing approximately a week's work. Each lesson is reported on, and each report graded and commented upon by a member of the college faculty. To secure credit, the student must take an examination, either at the College or at such other point as may be designated by the Bureau, within six months after he has completed the course.

A bulletin covering in detail the methods and the courses of this department will be sent to any one interested.

Package Library Department.

The work in package library has proved increasingly useful. The department has now collected these libraries on more than 600 topics of timely interest. Each library includes clippings chosen from the leading periodicals, government reports, and other authoritative sources. This branch of the work has been found attractive not only to the indviduals, but also to the schools, clubs, and other organizations, and the demand has grown until the average number of requests runs over 150 a month. The service is free.

Visual Instruction Department.

The purpose of the department of visual instruction is to aid in making effective teaching and speaking by furnishing material which will appeal to the "eye-gate,' through which a large proportion of learning enters. The department has now collected about 100 films and over 1300 slides of practical value, relating chiefly to the agriculture and industry of the State, and lends these resources free of charge. Last year the films and slides were exhibited to an average of 8,000 people each month.

General Information Department.

The Service Bureau is making a real effort to utilize for the people of the state generally the information stored in their great reservoir of knowledge, the Agricultural and Mechanical College. To this end, the Bureau undertakes to answer all letters seeking definite advice of expert nature; to publish from time to time articles covering achievements of interest at the College; and to bring out in regular sequence bulletins touching upon the development of the State.

Free Bulletin Service.

The Bureau published bulletins dealing with the departments of its work and also bulletins of general educational nature. It will gladly furnish free any bulletins sent for, and will be pleased to put any name on its permanent mailing list.

EXPERIMENT STATIONS

James Robert Ricks, M. Sc., Director.

Four experiment stations are established in Mississippi for conducting investigations in agriculture. These are the Central Station at the Agricultural and Mechanical College, the South Mississippi Station at Poplarville, the Holly Springs Branch Station at Holly Springs, and the Delta Branch Station at Stoneville. Located as they are, these stations furnish facilities for conducting experiments, the results of which are directly applicable to the various soils and climatic conditions that obtain in the State. The results obtained by the stations are published in bulletins and circulars, which are sent free of cost to residents of Mississippi on request.

Experiments are being conducted in the following lines: Complemental Mule Breeding; Breeding and Raising of Grade Beef Cattle; Feeding Cottonseed Products to Dairy Cattle; Hog Feeding and Grazing; Sheep and Goats; Soil Fertility; Forage Crops; Cotton Breeding; Corn Breeding; Green Manures; Crayfish: Scale Insects; Insects Injurious to Pecans; Tomato and Potato Disease; Forage Poisoning.

Special bulletins dealing with these subjects may be had on application to the Director.

EXTENSION DIVISION

R. S. Wilson, Director.

Since the Agricultural and Mechanical College was opened to students, October 6, 1880, extension work in some form has been an important feature of its service.

Extension and Demonstration Work.—The county agents, who are directed by the State Agent and his assistants, give instruction to farmers on better methods of agriculture, including farm practices and management, raising crops, production of live stock, standardization of production, community organization, etc., and carry out demonstrations illustrating the same.

The following work is being undertaken throughout the State, under the direction of experts from the Extension Division: Boys' Clubs; Community Organization; Dairying; Cooperative Market Clubs; Agricultural Engineering; Animal Husbandry; Horticulture; School Extension; Farmer's Institutes; Home Economics; Beekeeping; Insect Pests; Farm Machinery; Poultry Husbandry; Cotton Classing.

LIST OF STUDENTS

MILITARY ORGANIZATION

OFFICERS OF THE COLLEGE REGIMENT.

W. H. SMITH	Head of Military Department
S. O. ELTING, Lieutenant-Colonel, United States Army	Commandant of Cadets
C. W. BOLTON	Lieutenant Colonel
J. V. VERNON	Captain and Regimental Adjutant
K. P. EWING, Captain	Supply Company
A. L. NEWMAN	Regimental Sergeant Major
J. B. BOSWELL	Supply Sergeant
H. T. FORTNER	Supply Sergeant
C. H. HARRELL	Color Sergeant

First Battalion.

R. P. COLMER	Major
G. B. RAY	First Lieutenant and Adjutant
H. B. RAMSEY	Sergeant Major

Company A.—Captain, J. B. Swift; First Lieutenant, J. H. Napier; Second Lieutenant, W. W. Porter; First Sergeant, R. C. Darsey. Sergeants.—C. P. Daley, J. W. Gray, T. P. Groome, W. R. Heard. Corporals.—R. L. Anderson, J. M. Brown, H. D. Koger, J. E. Noble, J. H. Reed, J. H. Triplett, J. Wagner.

Company B.—Captain, M. C. Billingsley; First Lieutenant, B. C. Batson; Second Lieutenant, H. M. Critz; First Sergeant, R. D. Moore. Sergeants.—J. W. Harrison, G. L. Orr, J. H. Plyler, R. D. Rawls. Corporals.—S. H. Blair, F. M. Colmer, T. A. Gibson, P. M. Hough, L. H. Hughes, H. S. Little, R. D. Morrow, T. W. Wilkerson.

Company C.—Captain, C. A. Pickering; First Lieutenant, W. B. Gathings; Second Lieutenant, L. A. Jones; First Sergeant, C. W. Byrd. Sergeants.—H. H. Crossan, C. C. Hollinshed, L. D. Henderson. Corporals.—S. V. Applewhite, P. C. Blount, R. P. Faulkenbury, M. C. Galtney, J. A. Humphries, S. C. Nickle, R. W. Peebles, J. T. Stuart, B. W. Townes.

Second Battalion.

H. S. JOHNSON	Major
H. ALLEN	First Lieutenant and Adjutant
C. H. BRANDON	Sergeant Major

Company D.—Captain, T. H. Chiles; First Lieutenant, J. T. Douglas; Second Lieutenant, L. T. Shelton; First Sergeant, D. V. Stapleton. Sergeants.—F. R. Ramsey, H. E. Wallace, G. L. White. Corporals.—L. B. Buchanan, S. K. Calhoun, H. T. Ezell, J. H. Germany, J. C. Grundy, E. H. Jacobs, E. H. Lee, J. S. Porter, S. F. Potts, W. B. Turner, R. S. Skinner, R. G. May.

Company E.—Captain, G. Yeager; First Lieutenant, W. W. Peterson; Second Lieutenant, K. W. Holloway; First Sergeant, R. E. Greene. Sergeants.—F. G. Allein, D. L. Berryhill, R. L. Pace, J. F. Scroggins. Corporals.—T. K. Barefield, A. L. Gottsche, J. K. Gayden, H. H. Ledyard, G. P. Lucas, M. B. Shaw, J. F. Watrous.

Company F.—Captain, W. M. Emmons; First Lieutenant, A. L. Spencer; Second Lieutenant, A. C. Taylor; First Sergeant, J. W. Hollandsworth. Sergeants.—H. B. Dornbusch, H. E. Foster, T. A. Oliphant. Corporals.—J. N. Crisler, P. E. Little, R. A. McDougal, J. F. Russum, W. D. R. Stovall, Jeff T. Wilson, L. York.

Third Battalion.

B. L. COLLINS	Major
E. D. McCUNE	First Lieutenant and Adjutant
J. H. FEWELL	Sergeant Major

Company G.—Captain, P. D. Houston; First Lieutenant, W. C. Downer; Second Lieutenant, S. B. Glassco; First Sergeant, W. C. Grayson. Sergeants.—L. W. Jones, F. R. Adams, V. P. Roberts. Corporals.—S. N. Boyd, J. M. Ewing, D. M. Daugherty, A. J. Franklin, J. R. Cole, L. B. Smith, W. B. Vinzant.

Company H.—Captain, H. S. Cassell; First Lieutenant, H. P. Hughes; Second Lieutenant, T. P. Haney; First Sergeant, I. B. Rutledge. Sergeants.—R. G. Heard, W. M. Smith, J. L. Sutton, G. D. Williams. Corporals.—G. Darrington, R. C. Hubbard, F. M. Matthews, T. G. McCormick, A. L. Monroe, R. L. Price, R. K. Quekemeyer, E. B. Saunders, J. W. Wright.

Company I.—Captain, R. R. Spann; First Lieutenant, James T. Wilson; Second Lieutenant, R. G. Prescott; First Sergeant, J. M. McCullough. Sergeants.—J. C. Chambers, R. P. Flanagan, C. E. Griffith, M. G. Harrison. Corporals.—W. B. Campbell, N. M. Chambers, R. M. Evans, J. E. Howell, W. H. May, W. D. Reed, A. M. Wood.

Band.

Director, A. Weatherly; Captain, R. J. Forbriger; First Lieutenant, N. O. Berry, First Sergeant, J. W. Stevens. Sergeants.—H. O. Davis, E. C. Stinson, L. L. Stigler, Drum Major. Corporals.—J. B. Craig, O. E. Duncan, E. E. King, S. Kedzierski, E. F. Majeski.

REGISTER OF STUDENTS

(March 1, 1920.)

Abbreviations: Agr.—Agriculture; Eng.—Engineering; Bus. and Ind.—Business and Industry; Ed.—Education; Sc.—Science; Sr.—Senior; Jr.—Junior; Soph.—Sophomore; Fresh.—Freshman; Two Yr.—Two-Year Agriculture; Spec.—Special; E. E.—Electrical Engineering; C. E.—Civil Engineering; M. E.—Mechanical Engineering; W. S.—War Special.*

* The name War Special designates the disabled men sent to the College by the National Government for special training. A few of them are members of regular college classes, but most of them are receiving vocational training specially provided to meet their preparation and needs.

GRADUATE STUDENTS.

Name.	Course.	Home Address.
Armstrong, A. B.	Agr.	Starkville
Chen, S. S.	Agr.	Fukien, China
Dickey, R. M.	Agr. W. S.	Magnolia
George, R. B.	Eng.	Agricultural College
Hoke, Miss Gladys	Sc.	Agricultural College
Maloney, J. O.	Agr.	Meridian

UNDERGRADUATE STUDENTS.

Name.	Course-Class.	Postoffice.
Adair, H. S.	Agr. Fresh.	Baldwyn
Adams, A. G.	W. S.	Oakland
Adams, C. E.	Agr. Two-yr. W. S.	Kentwood, La.
Adams, F. N.	Agr. Jr	Okolona
Adams, F. R.	E. E. Jr.	Pass Christian
Adams, J. L.	Agr. Fresh. W. S.	Morgan City, La.
Adams, L. M.	Bus. and Ind. Fresh.	Macon
Adams, M. D.	Agr. Fresh. W. S.	Water Valley
Addkison, H. M.	Eng. Fresh.	Jackson
Agnew, R. P.	M. E. Sr.	Bethany
Aiken, D. W.	Bus. and Ind. Fresh.	Thyatira
Alderman, D. O.	W. S.	Stringer
Alexander, G. W.	Agr. Jr.	Lexington
Alford, H. L.	Agr. Fresh.	Crystal Springs
Alford, R. E.	Unclassified	Crystal Springs
Allein, F. C.	Eng. Soph.	Vicksburg
Allen, H.	C. E. Sr.	Sardis
Allen, R. J.	Agr. Two Yr. W. S.	Georgetown
Alley, L. L.	W. S.	Andalusia, Ala.
Almond, R. W.	Agr. Fresh.	Starkville
Anderson, E. J.	Agr. Fresh.	Mendenhall
Anderson, H.	Agr. Spec.	Hattiesburg
Anderson, J. B.	Sc. Sr.	Yazoo City
Anderson, L. B.	Unclassified	Aberdeen
Anderson, M. G.	Agr. Fresh.	Mize
Anderson, R. Lafayette	Agr. Soph.	Shuqualak
Anderson, R. Leo	Eng. Soph.	Jackson
Anderson, W. S.	Agr. Fresh.	Mendenhall
Andrews, W. C.	W. S.	Enterprise, Ala.
Andrews, W. H.	W. S.	Biloxi
Applewhite, P. B.	Agr. Fresh.	Bassfield
Applewhite, S. V.	Eng. Soph.	Winona
Arant, T. J.	Agr. Two Yr. W. S.	Belleville, Ala.
Arnold, J. L.	Bus. and Ind. Jr.	Shannon
Ashcraft, H. C.	Agr. Fresh.	Amory
Ashcraft, O. L.	Bus. and Ind. Fresh.	Amory
Ashley, D. C.	Agr. Fresh.	Georgetown
Ashley, W. M.	Eng. Soph.	Georgetown

Name.	Course-Class.	Postoffice.
Ashmore, V. S.	Agr. Two Yr. W. S.	Troy
Askew, J. W.	Agr. Soph.	Mayhew
Atkinson, J. L.	Agr. Fresh.	Rome
Atkinson, L. G.	Agr. Fresh.	Louisville
Atwood, M. H.	Agr. Soph.	Ovett
Aust, J. B.	Sc. Fresh.	Schlater
Austin, C. E.	Eng. Fresh.	Jackson, La.
Avens, W. C.	Agr. Two Yr. W. S.	Wyatte
Avera, B. R.	W. S.	Leakesville
Avery, J.	W. S.	Cottonwood, Ala.
Aycock, R. L.	Bus. and Ind. Fresh.	Macon
Bacot, J. S.	Agr. Jr.	Osyka
Bagnell, J.	Agr. Spec. W. S.	Port Gibson
Bahin, L. J.	Eng. Fresh.	Natchez
Bailey, F. D.	Eng. Fresh.	Lexington
Bailey, W. E.	Ed. Sr.	Jackson
Baker, H. C.	Agr. Jr.	Brandon
Baker, R. H.	W. S.	Gadsden, Ala.
Ball, F. H.	Agr. Soph.	Tylertown
Ballard, G. C.	W. S.	Mooreville
Banister, T. L.	Agr. Fresh.	Osyka
Bankston, M. S.	Agr. Fresh.	Fountain Hill, Ark.
Bannon, M. P.	Eng. Fresh.	Bloomingdale, Ind.
Barefield, T. K.	Agr. Spec.	Meridian
Barkley, J. R.	Agr. Fresh.	Cotton Plant
Barksdale, J. D.	Eng. Fresh. W. S.	Goshen Springs
Barlow, R. M.	Agr. Soph.	Burnell
Barnes, D.	Agr. Fresh.	Plattsburg
Barnes, L.	W. S.	Columbia, Ala.
Barnett, C. L.	Agr. Fresh. W. S.	Moscow
Barnett, E. B.	Sc. Fresh	Moss Point
Barnett, W. C.	W. S.	Verbena, Ala.
Barnhill, M. R.	Eng. Fresh.	Brooksville
Barrilleaux, P. R.	W. S.	Franklin, La.
Barton, H.	Agr. Two Yr. W. S.	Mathiston
Barton, J. H.	W. S.	Jasper, Ala.
Baskin, W. H.	Agr. Spec	Hampton
Bass, A. P.	Unclassified	Bassfield
Bass, W. A.	Eng. Fresh. W. S.	Collins
Batson, A. W.	Agr. Two Yr. W. S.	Dothan, Ala.
Batson, B. C.	E. E. Sr.	Wiggins
Baylor, E. R.	Agr. Two Yr.	Bristol, Tenn.
Beard, T. S.	Agr. Two Yr. W. S.	Leakesville
Beck, G. E.	Agr. Fresh.	Drew
Bell, C. P.	Agr. Soph.	Starkville
Bell, J. R.	Agr. Soph.	Starkville
Bennett, G. A.	Unclassified	Itta Bena
Bennett, O. O.	Agr. Fresh.	Ethel
Bennett, P. A.	Agr. Fresh.	Vaiden
Bennett, R. P.	Agr. Fresh.	Wesson
Bennett, W. E.	Eng. Fresh.	Louisville.
Bentley, J. A.	W. S.	Cleveland, Ala.
Berkley, J. A.	Agr. Jr.	Red Banks
Berry, C. R.	Eng. Fresh.	Greenville
Berry, G. W.	Unclassified	Prentiss
Berry, N. O.	Agr. Jr.	Pine Bluff, Ark.
Berry, W. D.	E. E. Sr.	Georgetown
Berryhill, D. L.	Agr. Sr.	Gloster
Berryhill, W. M.	Agr. Ed. Jr.	Gloster
Bethea, J. D.	Agr. Jr.	Sumrall
Betts, F.	Agr. Fresh. W. S.	Columbus
Bickman, R. E.	Agr. Fresh.	Hattiesburg
Bickley, F. P.	Agr. Jr.	Tuscumbia, Ala.
Bihin, N. M.	Agr. Two Yr. W. S.	Crowley, La.
Bilbo, J. V.	Agr. Fresh.	Tylertown
Bilbo, S. K.	Agr. Fresh.	Tylertown
Billingsley, M. C.	Agr. Sr.	Winona
Black, A. M.	Agr. Fresh.	Ellisville
Black, G. T.	Eng. Fresh.	Bolivar, Tenn.
Black, H. A.	Agr. Jr.	Nettleton
Black, J. A.	Agr. Fresh. W. S.	Natchez, Ala.
Black, M. C.	Eng. Fresh.	Natchez
Blackburn, E.	Agr. Jr. W. S.	Conehatta
Blackwell, W. W.	W. S.	Weathersby

Name.	Course-Class.	Postoffice.
Blair, S. H.	Sc. Fresh.	Pascagoula
Blanks, G. B.	Agr. Soph. W. S.	Crenshaw
Blanton, C.	Agr. Jr.	Ackerman
Blount, P. C.	Eng. Fresh	Laurel
Blue, J. D.	Agr. Fresh.	Hollis
Blyche, S. L.	W. S.	Tupelo
Boggan, E. J.	W. S.	Pinola
Boies, J. C.	Bus. and Ind. Fresh	Mangham, La.
Bolton, C. H.	Agr. Fresh.	Booneville
Bolton, C. W.	E. E. Sr.	Booneville
Bond, B. N.	Agr. Fresh.	Cedar Bluff
Bonds, E.	Agr. Two Yr. W. S.	Haynesville, La.
Bontwell, W.	W. S.	Newton
Boozer, R. G.	Agr. Fresh.	Lingle
Boswell, J. B.	Agr. Jr.	Mt. Pleasant
Boswell, J. S.	Agr. Soph.	Macon
Burge, C.	W. S.	Napoleonville, La.
Bowen, G. S.	Bus. and Ind. Fresh	Blue Springs
Bowen, R. G.	Eng. Soph.	Brookhaven
Bower, W. R.	Eng. Fresh.	Memphis, Tenn.
Box, S. W.	Agr. Soph.	Quitman
Boyce, C. F.	Agr. Soph.	Greenwood
Boyd, A. N.	Eng. Fresh.	Louin
Boyd, C. D.	Sc. Jr.	Artesia
Boyd, J. C.	Agr. Two Yr	Tylertown
Boyd, S. N.	Agr. Fresh.	Louin
Boyd, W. S.	W. S.	White Bluff
Boyette, S. N.	Eng. Fresh.	Sallis
Boyington, C. W.	W. S.	Robertsdale, Ala.
Boyles, J. L.	Agr. Two Yr. W. S.	Homewood
Brabston, J. E.	Eng. Spec.	Bovina
Bracey, N.	W. S.	Osyka
Bradford, O.	W. S.	Vinemont, Ala.
Branch, J. L.	Agr. Fresh.	Smithdale
Brandon, C. H.	Agr. Jr.	Russell
Brandon, M. M.	E. E. Sr.	Pinckneyville
Brannin, R. B.	Eng. Fresh.	Aberdeen
Brannon, C. H.	Agr. Jr.	Greenville
Brannon, L. W.	Agr. Jr.	Greenville
Branum, A. C.	W. S.	Coffeeville
Branyan, H. W.	Eng. Fresh.	Guntown
Brasher, J. H.	Agr. Fresh.	Shubuta
Brasher, J. W.	Agr. Fresh.	Shubuta
Brent, J. T.	Agr. Jr	Laurel
Brewer, D. T.	W. S.	Clara
Brewer, W. H.	W. S.	Waynesboro
Briscoe, D. R.	W. S.	Scobey
Britt, R. C.	W. S.	Olive Branch
Brock, H. D.	Sc. Fresh.	McComb
Brockway, C. M.	Unclassified	Memphis, Tenn.
Brogan, W. E.	Agr. Soph.	West Point
Brooks, C. G.	Agr. Fresh.	Lake
Brougher, F. S.	Eng. Fresh. W. S.	Belen
Brown, E. M.	Agr. Spec.	Pine Bluff, Ark.
Brown, F. W.	Bus. and Ind. Jr.	Pontotoc
Brown, J. F.	Agr. Jr.	Bradley
Brown, J. M.	Agr. Soph.	Longview
Brown, O. K.	Eng. Soph.	Pontotoc
Browne, J. A.	Agr. Fresh. W. S.	Tuscaloosa
Brumby, R. E.	Bus. and Ind. Spec.	Goodman
Brunson, C. O.	Agr. Fresh.	Basic
Brunson, G.	Agr. Fresh. W. S.	Enterprise
Brunson, M.	Agr. Fresh.	Enterprise
Brunson, W.	Agr. Fresh.	Enterprise
Bryan, C. J.	W. S.	Auburn, Ala.
Bryan, V. T.	Agr. Fresh.	Olive Branch
Bryan, W. S.	W. S.	Osyka
Bryant, A. A.	Agr. Soph.	Coffeeville
Bryant, K. K.	Agr. Fresh.	Sandord
Bryant, L. B.	Agr. Fresh.	Mize
Bryant, L. E.	W. S.	Blue Springs
Buchanan, L. B.	Sc. Soph.	West Helena, Ark.
Buchanan, S.	Agr. Fresh.	Hattiesburg
Bullock, J. L.	Agr. Fresh.	Tylertown

Name.	Course-Class.	Postoffice.
Buntin, B. N.	Agr. Two Yr.	Agricultural College
Burke, L. F.	Eng. Fresh.	Lake Comorant
Burke, M. A.	Agr. Fresh. W. S.	Natchez
Burnett, H. B.	Bus. and Ind. Fresh	Philadelphia
Burns, A. S.	Bus. and Ind. Fresh.	Burns
Burrell, G. W.	W. S.	Kosciusko
Burton, J. W.	Eng. Fresh.	Alligator
Buse, G. C.	W. S.	Jacksonville, Ala.
Bush, T. A.	Agr. Two Yr.	Starkville
Bush, W. J.	Bus. and Ind. Fresh.	Soso
Butcher, J. T.	Agr. Two Yr.	Lyman
Butcher, R. A.	Agr. Jr.	Lyman
Butler, C. L.	Agr. Soph.	Liberty Hill, La.
Butler, G.	Agr. Two Jr. W. S.	Star
Butler, O.	W. S.	Woodville, Ala.
Butler, R. H.	Agr. Fresh. W. S.	Jackson
Butts, W. J.	Ed. Fresh.	Artesia
Byrd, C. W.	Eng. Soph.	Carriere
Byrnes, A. M.	Agr. Spec.	Carlisle
Cain, C. B.	Agr. Jr.	Little Springs
Cain, W. R.	Agr. Jr.	Little Springs
Calhoun, S. K.	Agr. Soph.	Mt. Olive
Calloway, G. E.	Eng. Soph.	Oakland
Callihan, R. L.	Agr. Fresh.	Cruger
Cambre, M. J.	W. S.	Hopeville, La.
Cameron, J. E.	W. S.	Homer, La.
Camp, M. S.	Eng. Soph.	Starkville
Campbell, J. E.	Agr. Fresh.	Collins
Campbell, R. F.	Agr. Soph.	Cohay
Campbell, W. B.	Eng. Fresh.	Durant
Camus, A. E.	W. S.	Lower Algiers, La.
Canady, H. A.	Agr. Two Yr. W. S.	Dothan, Ala.
Caperton, E. M.	Agr. Fresh.	Hattiesburg
Carleton, F. E.	Eng. Fresh.	Macon
Carpenter, C. L.	Agr. Fresh.	Starkville
Carpenter, H. H.	Agr. Soph.	Starkville
Carr, W. J.	Bus. and Ind. Fresh	Gulfport
Carraway, C. W.	Agr. Fresh.	Bassfield
Carroll, M. E.	W. S.	Enterprise, Ala.
Carroll, W. R.	Agr. Fresh. W. S.	Crossville, Ala.
Carruth, C. L.	Agr. Fresh.	Summit
Carter, C. E.	Agr. Two Yr.	Moorhead
Carter, E. V.	Agr. Fresh.	Plattsburg
Carter, J. P.	Sc. Fresh.	Hattiesburg
Carter, W. C.	Eng. Soph.	Booneville
Case, S. D.	Eng. Soph.	Canton
Cassell, H. S.	Agr. Jr.	Hammond, La.
Cassell, J. W.	Sc. Fresh.	Hammond, La.
Catchings, N. S.	Eng. Soph.	Woodville
Catchings, T. F.	Agr. Soph.	Woodville
Catledge, W. T.	Bus. and Ind. Soph.	Philadelphia
Cato, E. H.	Eng. Fresh.	Winona
Chafee, C. M.	Agr. Fresh.	Biloxi
Chamberlain, W. F.	Eng. Fresh.	West Point
Chambers, B. L.	Agr. Jr.	Starkville
Chambers, J. C.	Eng. Soph.	West Jackson
Chambers, N. M.	Agr. Fresh.	West Jackson
Champion, J. W.	W. S.	Dothan, Ala.
Chapman, A. J.	Sc. Spec.	Evergreen, Ala.
Chapman, C. E.	Agr. Fresh.	Purvis
Chapman, W. W.	Agr. Soph.	Courtland
Chiles, T. H.	Agr. Sr.	Starkville
Clark, C. F.	Agr. Fresh.	Ruth
Clark, G. A.	Agr. Fresh.	Memphis, Tenn.
Clark, J. R.	Eng. Fresh.	Tallula
Clark, W. D.	W. S.	Pyriton
Clark, W. F.	Agr. Fresh.	Poplarville
Clarke, F. T.	Eng. Soph.	Meridian
Clay, W. A.	W. S.	Piedmont, Ala.
Clayton, D. G.	Bus. and Ind. Fresh.	Sarah
Clayton, J. P. H.	Agr. Soph.	Agricultural College
Clemons, B. M.	W. S.	Larinsville, Ala.
Cleveland, A L.	W. S.	Union
Clower, E. G.	Eng. Soph.	Lexington

Name.	Course-Class.	Postoffice.
Clower, M.	Agr. Two Yr.	Hollandale
Cobb, E. J.	Eng. Fresh.	Starkville
Cobb, E. W.	W. S.	Camden
Cobb, H. A.	Agr. Fresh.	Crossett, Ark.
Cochran, C. S.	Eng. Fresh.	Richton
Coggins, F. F.	Agr. Fresh. W. S.	Guntown
Cole, J. H.	W. S.	Millport, Ala.
Cole, J. R.	Agr. Fresh.	Moscow
Coleman, C. E.	Sc. Spec.	Eupora
Coleman, H. S.	W. S.	Meridian
Collins, B. L.	Agr. Sr.	New Orleans, La.
Collins, O. C.	W. S.	Oloh
Colmer, F. M.	Sc. Fresh.	Moss Point
Colmer, R. P.	Agr. Sr.	Moss Point
Commander, S. C.	Eng. Fresh.	Webb
Conerly, W. I.	Agr. Fresh.	Tylertown
Conn, W. E.	Agr. Jr.	Hattiesburg
Conner, E. H.	Agr. Fresh.	Augusta, Ark.
Consley, J. C.	Sc. Jr.	Lamar
Conway, C.	Agr. Spec. W. S.	Salem, Ala.
Cook, S. B.	Agr. Fresh.	Osyka
Cook, U. C.	Agr. Fresh.	Oxford
Cook, W.	Agr. Two Yr.	Tyro
Cooke, V. E.	Agr. Fresh.	Oxford
Cooper, F. D.	Agr. Fresh.	Sumner
Cornelius, F.	Agr. Two Yr. W. S.	Altoona, Ala.
Courtenay, J. A.	Eng. Soph.	Pascagoula
Covert, G. S.	Eng. Spec.	Meridian
Covington, H. E.	Sc. Soph.	Hazlehurst
Covington, W. J.	Agr. Fresh. W. S.	Conehatta
Cowan, D. H.	Eng. Fresh.	Columbus
Cowan, J. J.	Eng. Spec.	Greenville
Cowart, R.	Agr. Soph.	Greenwood Springs
Cowsert, W. C.	Agr. Soph.	Goodman
Cox, A. A.	Bus. and Ind. Fresh.	Crystal Springs
Cox, C. L.	Unclassified	Columbus
Cox, L. W.	Ed. Sr.	Columbus
Cox, O. S.	Agr. Fresh.	Woodville
Craig, C. R.	Unclassified	New Albany
Craig, J. B.	Eng. Soph.	Batesville
Craig, R. W.	Agr. Fresh.	Louisville
Craig, S. O.	Unclassified	New Albany
Cramer, C. A.	Eng. Fresh.	Sardis
Crawford, C. W.	W. S.	Eclectic, Ala.
Crawford, D. D.	Bus. and Ind. Soph.	Aberdeen
Crawford, J. J.	Bus. and Ind. Fresh.	Durant
Crawford, O. G.	Agr. Two Yr.	Ashland
Crawford, R. D.	W. S.	Bush, La.
Crawford, S. F.	Agr. Fresh.	Beulah
Creekmore, H.	Bus. and Ind. Fresh.	DeKalb
Cresswell, L. B.	Sc. Fresh.	Oxford
Crews, J. T.	Agr. Fresh. W. S.	Hamburg, Ala.
Crisler, J. N.	Agr. Fresh.	Learned
Criss, J. W.	Sc. Sr.	Starkville
Critz, H. M.	Agr. Sr.	Russellville, Ark.
Crossan, H. H.	Eng. Soph.	Hot Springs, Ark.
Crowe, M. T.	Agr. Sr.	Starkville
Crum, L. E.	W. S.	Shannon
Crump, G. C.	W. S.	Robeline, La.
Crumpler, B. M.	W. S.	Enterprise, Ala.
Crumpton, D. F.	Agr. Soph.	Starkville
Culley, E. C.	C. E. Jr.	Madison
Cummins, S. S.	Eng. Fresh.	Aliceville, Ala.
Cunningham, C. H.	Eng. Fresh.	Crawford
Cunningham, J. W.	Agr. Two Yr.	Corinth
Cunningham, T. F.	Agr. Two Yr. W. S.	Perkinston
Cunningham, W. P.	Agr. Fresh.	Bailey
Cupit, P.	Agr. Fresh.	Lucien
Dale, J. A.	W. S.	Sylacauga, Ala.
Daley, C. P.	Agr. Soph.	Jackson
Dancy, R. C.	Agr. Soph.	Greenville
Daniels, A. B.	Agr. Two Yr. W. S.	Starkville
Daniels, A. J.	Agr. Fresh. W. S.	Pineville
Darrington, G.	Sc. Fresh.	Yazoo City

Name.	Course-Class.	Postoffice.
Darsey, R. C.	Eng. Soph.	Ocean Springs
Darwin, R. W.	Eng. Soph.	Laurel
Daugherty, M. C.	Agr. Fresh.	Coldwater
Davidson, E. H.	Agr. Fresh.	Montpelier
Davis, F.	W. S.	Roseland, La.
Davis, F. V.	Ed. Fresh.	Collins
Davis, G. W.	Agr. Fresh. W. S.	Tuskegee, Ala.
Davis, H. O.	Eng. Soph.	Bessemer City, N. C.
Davis, J. G.	Eng. Soph.	Collins
Davis, J. J.	Agr. Fresh.	Moscow
Davis, M.	W. S.	Ashford, Ala.
Davis, M. L.	Agr. Fresh.	Wesson
Davis, N. P.	Agr. Fresh.	Perkinston
Davis, R. L.	E. E. Sr.	Olive Branch
Davis, W. G.	W. S.	Rienzi
Davis, W. T.	Unclassified	Meridian
Dawson, E. E.	W. S.	Woodville
Deaderick, M. D.	Agr. Fresh.	Parkin, Ark.
Dean, T. M.	Agr. Two Yr. W. S.	Ozark, Ala.
Deen, O. T.	Agr. Fresh.	Bassfield
Deen, R. B.	Sc. Sr.	Bassfield
Deloney, L. G.	Agr. Two Yr. W. S.	Leighton, Ala.
Denmark, A. S.	W. S.	Leakesville
Denson, H.	Agr. Fresh.	Bay Springs
Denson, W. C.	Agr. Fresh.	Agricola
Dent, E. R.	Eng. Fresh.	McLeod
Dent, W. E.	Eng. Fresh.	Macon
Derting, L. B.	W. S.	Liberty, Tenn.
Dexter, C. G.	Bus. and Ind. Fresh.	Abbott
Dexter, S. L.	Ed. Fresh.	Abbott
Dial, J. H.	Agr. Spec.	Holly Grove, Ark.
Diamond, J. M.	Agr. Two Yr. W. S.	Ellisville
Dickerson, R. T.	W. S.	Sallis
Dillard, L. T.	Agr. Fresh.	Oxford
Divelbiss, C. D.	Eng. Fresh.	Columbus
Dobbins, T. N.	Eng. Fresh.	Las Animas, Colo.
Dobbs, E. S.	W. S.	Phoenix City, Ala.
Dodds, C. L.	Unclassified	Savannah, Tenn.
Dodds, G. R.	Unclassified	Savannah, Tenn.
Dodds, N. M.	W. S.	Myrtle
Donaldson, A. Y.	Eng. Fresh.	Oakland
Donaldson, B. A.	Agr. Sr.	Aberdeen
Dornbusch, H. B.	Agr. Jr.	Vicksburg
Dorroh, G. D.	Sc. Sr.	Scott
Dougherty, D. M.	Eng. Soph.	Tunica
Dougherty, R. W.	W. S.	Rhinehart, La.
Douglas, E. L.	W. S.	Wesson
Douglass, J. T.	Agr. Sr.	McLeod
Downer, W. C.	Bus. and Ind. Sr.	Columbus
Downing, A. H.	W. S.	Jackson
Downs, J. P.	Agr. Fresh.	Brandon
Drane, W. L.	Agr. Fresh.	Starkville
Drexler, C. R.	Eng. Fresh.	Hankinson
Duett, J. C.	W. S.	Tallassee, Ala.
Duke, E. G.	W. S.	Weaver, Ala.
Dunaway, D.	Agr. Spec. W. S.	Foxworth
Duncan, M. J.	Agr. Two Yr. W. S.	Jayess
Duncan, O. E.	Agr. Soph.	Beaufort, N. C.
Dunnam, E. W.	Sc. Sr.	Richton
Durham, J.	Agr. Two Yr.	Lambert
East, F. J.	Agr. Jr.	Senatobia
Echols, H. E.	Agr. Soph.	Byhalia
Eckford, J. F.	Sc. Sr.	Starkville
Eddleman, G. W.	Agr. Fresh.	Weir
Edington, M.	W. S.	Vardaman
Edwards, B. A.	W. S.	Covin, Ala.
Edwards, F. A.	W. S.	Holcomb
Edwards, H. G.	W. S.	Sylacauga, Ala.
Edwards, M. D.	W. S.	Sulligent, Ala.
Edwards, R.	W. S.	Columbus, Ga.
Eley, C. B.	Agr. Fresh. W. S.	Harperville
Ellington, G. W.	Agr. Fresh.	Lexington
Ellis, B. F.	Eng. Fresh.	Okolona
Ellis, D. F.	Agr. Fresh	Tupelo

Name.	Course-Class.	Postoffice.
Ellis, L. A.	W. S.	Vardaman
Ellis, R. G.	Agr. Two Yr. W. S.	Ozark, Ala.
Ellis, W. C.	Agr. Fresh.	Florence
Ellzey, F. B.	Agr. Soph. W. S.	Norfield
Elmore, C. M.	Agr. Fresh.	Tyro
Elrod, J. L.	W. S.	Oxford
Emmons, W. M.	E. E. Sr.	Corinth
Entrican, O.	W. S.	Brookhaven
Ervin, J. T.	Agr. Fresh. W. S.	Merigold
Estes, C. G.	Agr. Fresh.	Noxapater
Evans, L.	W. S.	Tangipahoa, La.
Evans, R. M.	Eng. Freshman	Minter City
Evans, S. R.	Agr. Two Yr.	Mendenhall
Evans, V. R.	Agr. Two Yr.	Columbus
Everett, V. V.	Agr. Fresh.	Mendenhall
Ewing, J. M.	Agr. Sr.	Vaughan
Ewing, K. T.	Agr. Jr.	Vaughan
Ezell, H. T.	Eng. Fresh.	Columbus
Fairley, C. M.	Sc. Fresh.	Moss Point
Farlow, J. F.	Eng. Soph.	Terry
Fatherree, T. B.	Sc. Fresh.	Quitman
Faulk, G. H.	Eng. Fresh.	Leakesville
Faulkinburg, R. P.	Eng. Soph.	Waynesboro
Fautherree, J.	W. S.	Baskin, La.
Ferguson, F. E.	W. S.	Houlka
Ferguson, R. B.	Agr. Fresh.	Moorhead
Ferguson, S. J.	Agr. Fresh.	Meridian
Ferrell, A. N.	Unclassified	Hattiesburg
Ferrell, O. K.	Agr. Fresh.	Vardaman
Ferris, T. M.	Agr. Two Yr.	Dunleith
Few, M. J.	Agr. Spec.	Eupora
Fewell, J. H.	Agr. Soph.	Jackson
Fields, H. J.	W. S.	Slocomb, Ala.
Fikes, B. B.	Agr. Soph.	Norris
Fikes, F. B.	Bus. and Ind. Fresh.	Newton
Fiscus, C. U.	W. S.	Escatawpa
Flanagan, R. P.	Eng. Soph.	Cary
Flint, J. E.	Bus. and Ind. Fresh.	Batesville
Flowers, G. T.	Agr. Fresh.	Mattson
Floyd, C.	W. S.	Jacksonville, Ala.
Folkner, J. M.	W. S.	Pontotoc
Forbriger, R. J.	E. E. Sr.	Atchison, Kan.
Ford, S.	W. S.	Opelika, Ala.
Fortner, H. T.	E. E. Jr.	West Jackson
Foster, F. D.	Eng. Fresh.	Meridian
Foster, G. W.	W. S.	Pickens
Foster, H. E.	Ed. Sr.	Monticello
Foster, I. R.	Ed. Fr.	Monticello
Foster, W. T.	Ed. Sr.	Sontag
Foster, J. H.	Agr. Fresh. W. S.	Triumph, La.
Fox, D. B.	Eng. Fresh.	Laurel
Franklin, A. J.	Agr. Fresh.	Magee
Frates, R. R.	Eng. Fresh.	Aberdeen
Freeman, C. P.	Agr. Spec. W. S.	Wyatt
Freeman, E. H.	W. S.	Montevallo
French, M. R.	Agr. Soph.	Philipp
Fry, R. J.	Unclassified	Savannah, Tenn.
Fuller, G.	W. S.	Georgina, Ala.
Fuller, J. T.	W. S.	Rutledge, Ala.
Fuqua, H. G.	Bus. and Ind. Fresh.	Amory
Furr, C. T.	Agr. Fresh.	Wesson
Gafford, L. E.	Agr. Spec.	Etta
Gage, M. R.	W. S.	Pickens
Gaines, G. E.	Agr. Soph.	Decatur
Gaines, P. D.	W. S.	Opelousas, La.
Gallman, T. B.	Agr. Fresh.	Terry
Galloway, V. V.	W. S.	Union
Galtney, M. C.	Eng. Soph.	Canton
Garber, J. H.	Eng. Soph.	Jackson.
Gardner, E. R.	Agr. Fresh.	Memphis, Tenn.
Gardner, L. F.	Eng. Fresh.	Moorhead
Gardner, L. M.	Eng. Fresh.	Moorhead
Gardner, Sam	W. S.	Vinegar Bend, Ala.
Garmon, R. G.	Bus. and Ind. Fresh.	Verona

Name.	Course-Class.	Postoffice.
Garner, A. W.	Agr. Fresh.	Pontotoc
Garner, H. J.	Bus. and Ind. Fresh.	Hernando
Garner, L. P.	Eng. Fresh.	Agricultural College
Garner, S. H.	W. S.	Whitesand
Garner, Y. J.	W. S.	Hartford, Ala.
Garrett, G. B.	Eng. Fresh.	Kosciusko
Garrett, J. C.	Agr. Fresh. W. S.	Lockhard, Ala.
Gary, F. P.	Agr. Soph.	Charleston
Gaskill, M. H.	Agr. Spec.	West Point
Gassaway, O. H.	Agr. Two Yr.	East Lake, Ala.
Gatewood, R. M.	Bus. and Ind. Fresh.	Hillsboro
Gathings, C. H.	Eng. Soph.	Prairie
Gathings, W. B.	Bus. and Ind. Jr.	Prairie
Gavin, D. W.	Sc. Fresh.	Columbus
Gay, G.	Agr. Fresh.	DeKalb
Gayden, J. K.	Agricultural Soph.	Port Gibson
George, F.	Agr. Two Yr. W. S.	Bessemer, Ala.
Germany, J. H.	Eng. Soph.	Centreville
Gibbs, H. L.	W. S.	Lake
Gibson, J. W.	Agr. Soph.	Glancy
Gibson, T. A.	Sc. Fresh.	Booneville
Giles, B. H.	Sc. Fresh.	Pinola
Gillespie, M. G.	Eng. Fresh.	Shubuta
Gilmer, C. N.	Agr. Fresh.	Bogalusa, La.
Glassco, S. B.	E. E. Sr.	Greenville
Glenn, A. F.	E. E. Jr.	Brooksville
Gober, L.	Eng. Fresh.	Canton
Goodwin, R. C.	Eng. Fresh.	Shaw
Goolsby, J. W.	W. S.	Ella, Ala.
Gordon, B. T.	Eng. Fresh.	Greenville
Gottsche, A. L.	Eng. Soph.	Ocean Springs
Goza, J. R.	Agr. Jr.	Louisville
Grabowski, H. K.	Sc. Fresh.	Trenton, N. J.
Grafton, E.	W. S.	Bernice, La.
Graham, D.	W. S.	Ethel
Graham, J. K.	Sc. Soph.	Cleveland
Graham, Z. O.	Agr. Soph.	Waynesboro
Grant, B. E.	Agr. Jr.	Ecru
Grantham, J. W.	Agr. Two Yr.	Terry
Graves, L. C.	Agr. Jr.	Ellisville
Gray, F. N.	Eng. Fresh.	Cleveland
Gray, J. W.	Agr. Jr.	Brooksville
Gray, R. M.	W. S.	Ensley, Ala.
Gray, W. L.	Agr. Jr.	Montrose
Grayson, W. C.	Agr. Soph.	Louin
Green, E. H.	Eng. Fresh.	Olive Branch
Green, J. V.	W. S.	Ashland, Ala.
Greene, R. E.	Agr. Jr.	Booneville
Greenlee, J. S.	Sc. Fresh.	Hermanville
Griffith, C. E.	E. E. Jr.	Kilmichael
Grimmet, E. J.	Eng. Fresh.	Hattiesburg
Groome, T. P.	Eng. Soph.	Rosetta
Gross, E. E.	Agr. Fresh.	Inverness
Gross, T. M.	Agr. Spec.	Carthage
Grundy, J. C.	E. E. Jr.	Meridian
Guice, L. M.	Agr. Fresh.	Oldenburg
Guice, M. G.	Agr. Fresh.	Oldenburg
Gullett, T. A.	W. S.	Booneville
Gunn, B. R.	Agr. Jr. W. S.	Starkville
Gurley, W. L.	Unclassified	Potts Camp
Hagedorn, M. L.	Unclassified	Natchez
Hagler, R.	W. S.	Geneva, Ala.
Haile, J. M.	Eng. Fresh.	Natchez
Hailes, F.	W. S.	Shubuta
Haley, C. P.	W. S.	Calhoun City
Haley, P. R.	Agr. Two Yr. W. S.	Calhoun City
Hall, C. P.	W. S.	Blountsville, Ala.
Halliburton, J. C.	Agr. Fresh.	Dahomy
Hamilton, E. J.	Bus. and Ind. Sr.	Houlka
Hamilton, J. C.	Agr. Jr.	Broohaven
Hamlin, R. F.	Eng. Fresh	West Point
Hammack, J. W.	Bus. and Ind. Fresh.	Scooba
Haney, T. P.	Sc. Jr.	Burnsville
Hankins, C. R.	W. S.	Fulton

Name.	Course-Class.	Postoffice.
Hanney, L. B.	Agr. Fresh. W. S.	Piedmont, Ala.
Harbison, W. L.	Bus. and Ind. Soph.	Greenville
Harden, T. D.	Sc. Fresh.	Fulton
Hardy, J. C.	Agr. Jr.	Crawford
Hardy, J. S.	Agr. Spec.	Gulfport
Hargrove, T. T.	Eng. Fresh.	Brooksville
Harrah, A. O.	W. S.	De Ridder, La.
Harrell, C. H.	Agr. Soph.	Arlington, Tenn.
Harrell, F.	Eng. Fresh.	Sessums
Harrington, O. T.	Eng. Fresh.	Meridian
Harris, D. M.	W. S.	Ashland, Ala.
Harris, F. T.	Unclassified	Shannon
Harris, F. W.	Bus. and Ind. Fresh.	Skene
Harris, H. I.	Agr. Soph. W. S.	McHenry
Harris, H. M.	Agr. Fresh.	Charleston
Harris, J. A.	Agr. Soph.	Stewart
Harris, J. L.	Agr. Fresh. W. S.	Banks, Ala.
Harris, J. T.	Agr. Soph.	Skene
Harris, R. L.	W. S.	Hollandale
Harris, W. C.	Agr. Fresh.	Steens
Harrison, J. W.	Agr. Soph.	Coffeeville
Harrison, M. G.	Agr. Fresh.	Florence
Harrison, R. E.	Eng, Fresh. W. S.	Columbus
Hartzog, H.	Agr. Fresh.	Prentiss
Harvey, E. H.	Unclassified	Norris
Haskett, A. C.	W. S.	Sulligent, Ala.
Hathcock, E.	W. S.	Piper, Ala.
Haughton, J. C.	Eng. Fresh.	Prairie
Havens, C. J.	Agr. Fresh.	Vancleave
Hawkins, E. L.	Agr. Fresh. W. S.	Jackson
Hawkins, H. G.	Agr. Soph.	Vardaman
Haynene, J. R.	E. E. Jr.	Hattiesburg
Haynes, G. F.	Agr. Fresh.	Greenville
Haynes, P.	W. S.	Letohatchie, Ala.
Head, R. M.	W. S.	Pineville, La.
Heard, F. S.	Agr. Fresh.	Vaughan
Heard, R. G.	Eng. Soph.	Indianola
Heard, W. R.	Agr. Jr.	Columbus
Hemphill, B. W.	Unclassified	Braxton
Henderson, C. C.	Unclassified	Preston
Henderson, C. G.	Agr. Sr.	Pontotoc
Henderson, C. O.	Agr. Fresh.	Pontotoc
Henderson, J. A.	W. S.	Estes Mill
Henderson, L. D.	Agr. Soph.	Preston
Henderson, P.	W. S.	Gadsden, Ala.
Henderson, R. E.	Agr. Soph.	Goodman
Henderson, T. H.	Bus. and Ind. Fresh.	Pontotoc
Henley, J. E.	W. S.	Prairie
Henley, R. N.	Agr. Jr.	Prairie
Henry, A. J.	W. S.	Dossville
Henson, J. C.	W. S.	Hawthorn
Henson, L. V.	Agr. Fresh.	Enid
Herring, K.	W. S.	Jasper, Ala.
Herrington, H. L.	Agr. Soph.	Ellisville
Hewett, C. H.	W. S.	Duncanville, Ala.
Hexter, V. G.	Agr. Spec.	Memphis, Tenn.
Hicks, J. L.	W. S.	Haleyville, Ala.
Hill, B. F.	W. S.	Mose
Hill, D. A.	Agr. Spec. W. S.	Booneville
Hines, L. P.	Bus. and Ind. Jr.	Kosciusko
Hinton, S. M.	Agr. Fresh. W. S.	Benmore
Hitch, W. F.	Agr. Two Yr.	Clarksdale
Hitt, S. C.	W. S.	McDonald
Hobbs, G .G.	Agr. Fresh.	Morgan City
Hobby, E. L.	Agri. Ed. Spec.	Plattsburg
Hodge, M.	W. S.	Scottsboro, Ala.
Hogaboom, H. G.	Agr. Soph.	Basic
Hogaboom, R. E.	Eng. Fresh.	Basic
Hoggatt, R. S.	Ed. Fresh.	Wesson
Hogue, O. L.	Eng. Fresh.	Lake Village, Ark.
Holcomb, A. L.	Eng. Fresh.	Purvis
Holcomb, O. R.	Agr. Fresh.	Collins
Holcomb, R. C.	Agr. Spec.	Purvis
Hollandsworth, J. W.	Agr. Soph.	Rienzi

Name.	Course-Class.	Postoffice.
Holley, E. E.	Agr. Soph.	Clay
Holley, F. L.	W. S.	Ripley
Hollingsworth, S. T.	Agr. Fresh.	Kosciusko
Hollinshead, C. G.	E. E. Jr.	Starkville
Holloway, K. W.	Agr. Sr.	Brookhaven
Holmes, B. D.	Eng. Fresh.	Winona
Holmes, E. W.	Agr. Fresh.	Aberdeen
Hopkins, P. O.	W. S.	Mize
Horn, G. E.	Agr. Fresh. W. S.	Bay Springs
Horne, C. R.	Sc. Fresh.	Carrollton
Horne, F. F.	Eng. Fresh.	Carriere
Horne, F. G.	Sc. Fresh.	Carrollton
Horne, O. C.	E. E. Jr.	Union
Horne, R. L.	W. S.	Lapine, Ala.
Horton, G. S.	Eng. Fresh.	Bay St. Louis
Hough, P. M.	Bus. and Ind. Soph.	Minden, La.
House, B. C.	Agr. Fresh.	Lexington
House, L. D.	W. S.	Holly Pond, Ala.
Houston, P. D.	Agr. Sr.	Sylvarena
Howard, J. B.	W. S.	Poplarville
Howard, S.	Agr. Ed. Jr.	Natchez
Howell, E. G.	W. S.	Ensley, Ala.
Howell, J. B.	Agr. Spec.	Tyro
Howell, J. E.	Bus. and Ind. Fresh.	Durant
Howell, L. C.	W. S.	Talladega, Ala.
Howell, L. F.	Agr. Fresh.	Water Valley
Hoye, V. C.	Bus. and Ind. Soph.	Meridian
Hubbard, C. T.	Eng. Fresh.	Water Valley
Hubbard, E. H.	W. S.	Coushatta, La.
Hubbard, J.	Agr. Fresh.	Calhoun City
Hubbard, R. C.	Agr. Fresh.	Iuka
Hubbard, W. L.	W. S.	Alabama City, Ala.
Hudson, C. V.	W. S.	Yazoo City
Hudson, E. W.	Agr. Fresh.	Florence
Hudson, H.	W. S.	Hattiesburg
Hudson, T. R.	Agr. Fresh.	Olive Branch
Hudson, W. C.	Agr. Fresh.	Purvis.
Huff, J. H.	Eng. Fresh.	Laurel
Hughes, B. A.	Agr. Fresh. W. S.	Guin, Ala.
Hughes, H. P.	Agr. Jr.	Senatobia
Hughes, J. M.	Eng. Fresh.	Purvis
Hughes, Lacey H.	Ed. Fresh.	Raleigh
Hughes, Loyd H.	Agr. Fresh.	Louisville
Hughes, R.	Agr. Two Yr.	Carrollton
Hughes, W. L.	Eng. Soph.	Raleigh
Hull, F. M.	Sc. Soph.	Oxford
Humble, C. E.	Eng. Fresh.	Felixville, La.
Humphries, J. A.	Agr. Fresh.	Canton
Hunnicutt, J. D.	Eng. Fresh.	Scooba
Hunt, W.	Agr. Fresh.	Sturgis
Hunt, W. B.	Bus. and Ind. Fresh.	Sturgis
Hunt, W. L.	Eng. Fresh.	Sardis
Hunter, C. T.	Eng. Soph.	Macon
Hunter, F. M.	E. E. Jr.	Union
Hunter, W. B.	Bus. and Ind. Soph.	Prairie
Hurst, E. C.	Unclassified	Mhoons Valley
Hurst, W. M.	Agr. Fresh.	Morton
Hutto, J. W.	Agr. Fresh.	Jasper, Ala.
Hutto, R. H.	Agr. Fresh.	Waynesboro
Hyatt, J. G.	W. S.	Tibbie, Ala.
Hyde, I. F.	Agr. Fresh. W. S.	Thyatira
Hyworth, E.	W. S.	New Orleans, La.
Ingram, J. W.	Agr. Soph.	Kilmichael
Ishee, R. E.	Agr. Fresh.	Louin
Jackson, E. F.	Agr. Freshman	Prairie Point
Jackson, F. C.	Eng. Fresh.	Meridian
Jacob, E. H.	Agr. Soph.	Union
James, P. H.	Agr. Fresh.	Jaw
Jamison, E. H.	Agr. Fresh.	Kosciusko
Jarvis, J. B.	W. S.	Dothan, Ala.
Jarvis, M. R.	Agr. Fresh.	Lamar
Jenkins, E. E.	W. S.	Union
Jerkins, T. A.	W. S.	Pratt City, Ala.
Johnson, B. A.	Agr. Fresh. W. S.	Purvis

Name.	Course-Class.	Postoffice.
Johnson, E. L.	Agr. Fresh.	Forest
Johnson, F. G.	W. S.	Chester
Johnson, G. A.	Agr. Fresh.	Shelby
Johnson, H. S.	Agr. Spec.	Oxford
Johnson, J. C.	Agr. Fresh. W. S.	Fernbank, Ala.
Johnson, J. F.	Eng. Fresh.	Richton
Johnson, J. H.	Agr. Two Yr.	Clarksdale
Johnson, J. W.	Agr. Fresh.	Lake Cormorant
Johnson, R. L.	Eng. Spec.	Winterville
Johnson, Walter E.	Agr. Fresh. W. S.	Sebastopol
Johnson, Willis E.	Agr. Fresh.	Luber, Ark.
Johnson, W. W.	Sc. Fresh.	Sibleyton
Johnsson, J.	Agr. Fresh. W. S.	McComb City
Jones, B. W.	Agr. Fresh.	Moselle
Jones, C. V.	W. S	Pinola
Jones, D. C.	W. S.	Faulkner
Jones, F. H.	Sc. Sr.	Rosedale
Jones, G. W.	Agr. Fresh.	Moscow
Jones, H. H.	Agr. Two Yr. W. S.	Philadelphia
Jones, I. T.	Agr. Soph.	Moselle
Jones, L. A.	Sc. Sr.	Moss Point
Jones, L. I.	Agr. Fresh.	Richton
Jones, L. W.	Agr. Spec.	Medon, Tenn.
Jones, T. R.	E. E. Sr.	Hermanville
Jones, W. P.	Agr. Fresh.	Maud
Jordan, E. E.	W. S.	Robeline, La.
Jordan, J. W.	Bus. and Ind. Spec.	Pheba
Judd, L. B.	Bus. and Ind. Fresh.	Okolona
Judice, D. P.	W. S.	Jeanerette, La.
Junkin, D.	Agr. Two Yr.	Natchez
Junkin, H. Y.	Agr. Two Yr.	Natchez
Justice, H. R.	W. S.	Calcis, Ala.
Kearney, E. N.	Agr. Fresh.	Money
Kedzierski, S. L.	Sc. Fresh.	Trenton, N. J.
Keller, R. L.	Agr. Fresh.	Vicksburg
Kelley, H. G.	Agr. Two Yr. W. S.	Millerville, Ala.
Kelly, J. C.	W. S.	Bunkie, La.
Kemmler, R. E.	W. S.	Hammond, La.
Kennedy, L. B.	Eng. Fresh.	Cedar Bluff
Kerr, C. G.	Bus. and Ind. Fresh.	High Point
Kiihul, D. T.	W. S.	Enid
Killebrew, J. R.	Agr. Sr.	Ebenezer
Kilpatrick, J. F.	Agr. Fresh.	Noxapater
Kimbrough, H. S.	Agr. Fresh.	Greenwood
Kimbrough, T. B.	Ed. Fresh.	West Point
Kincannon, F.	Eng. Fresh.	Tupelo
King, E. E.	Agr. Soph.	Wilmington, N. C.
Kinkade, E. T.	Eng. Fresh.	Lake Village, Ark.
Kirby, R. G.	Eng. Fresh.	Jackson, Tenn.
Kirkland, G. L.	W. S.	Pine Leach, Ala.
Kirklin, M. B.	Eng. Fresh.	Hattiesburg
Kittrell, S. J.	Agr. Fresh.	Leakesville
Kittrell, W. D.	Agr. Fresh.	County Line
Klindworth, M. E.	Sc. Fresh.	Water Valley
Klutts, B. A.	Agr. Soph.	Eupora
Knight, A. V.	Agr. Sr.	Ellisville
Knight, J. P.	Bus. and Ind. Fresh.	Hattiesburg
Knight, R. B.	W. S.	Seminary
Knott, H. V.	W. S.	Coffee Springs, Ala.
Koch, H. E.	Eng. Fresh.	Hattiesburg
Koger, H. D.	Agr. Fresh.	Brooksville
Keigler, C. P.	Agr. Fresh.	Bobo
Koonce, R. H.	Agr. French. W. S.	Alberta, La.
Kropp, W. J.	Bus. and Ind. Spec.	Newton
Ladner, F.	Agr. Two Yr. W. S.	Perkinston
LaFleur, A. F.	W. S.	New Orleans, La.
Laird, R. F.	Agri. Soph.	Florence
Lambdin, S. H.	Agr. Fresh.	Natchez
Lambert, R. C.	W. S.	Brignac, La.
Lambert, W. F.	Sc. Fresh.	Charleston
Lampkin, P. D.	W. S.	Lacompte, La.
Lampkin, R. H.	Eng. Soph.	Starkville
Lancaster, H. B.	Agr. Jr.	Cary
Lancaster, S. H.	W. S.	Murrycross, Ala.

Name.	Course-Class.	Postoffice.
Land, H. B.	Bus. and Ind. Fresh	Shuqualak
Land, J. O.	Unclassified	Columbus
Landrum, W. R.	Agr. Fresh. W. S.	Lumberton
Langley, W. A.	Ed. Spec.	Louisville
Larey, H. D.	Agr. Two Yr.	Hattiesburg
Larrieu, J. A.	W. S.	New Orleans, La.
Lavigne, L.	W. S.	Ponchatoula, La.
Law, P. E.	Sc. Soph.	Canton
Lawrence, E. M.	Agr. Fresh.	Grenada
Leach, T. E.	W. S.	Blue Springs
Ledyard, H. H.	Eng. Soph.	Shubuta
Lee, E. H.	Eng. Fresh.	Beach
Lee, J. A.	Eng. Fresh.	Prentiss
Lee, J. E.	Agr. Jr.	Prentiss
Lee, L. A.	Eng. Fresh.	Beach
Lee, S. D.	W. S.	Calhoun City
Lee, T. R.	W. S.	Mesa
Lee, W. R.	W. S.	Calhoun City
LeFlore, C. S.	Agr. Fresh.	Valley Hill
LeFlore, J. L.	Bus. and Ind. Sr.	Valley Hill
Lewis, D. T.	Agr. Two Yr.	Lewiston, La.
Lewis, W. C.	Agr. Two Yr. W. S.	Anding
Lewis, W. P.	Bus. and Ind. Fresh.	Dixon
Lindley, J. W.	W. S.	Cherokee, Ala.
Lindsay, W. P.	Agr. Fresh.	Harperville
Lister, J. H.	W. S.	Atmore, Ala.
Little, A. D.	Agr. Fresh.	Wesson
Little, H. S.	Bus. and Ind. Soph.	DeKalb
Little, P. E.	Agr. Soph.	Wesson
Livingston, J. S.	Eng. Fresh.	Louisville
Loeb, C. E.	Agr. Soph.	Hazlehurst
Lofton, W. E.	W. S.	Byram
Loftin, Edgar	Agr. Fresh. W. S.	Oakvale
Loftin, Elmer	Agr. Fresh.	Kosciusko
Lofton, Joe	Agr. Fresh.	McCall
Loggins, C. S.	W. S.	Crystal Springs
Long, J. C.	W. S.	Canton
Long, R. L.	Agr. Jr.	Agricultural College
Longshore, F. S.	Agr. Fresh.	New Orleans, La.
Loper, F.	Sc. Fresh.	Lake
Lott, D. E.	Agr. Fresh.	Logtown
Lott, G. L.	Agr. Sr.	Rawles Springs
Lott, H. S.	Agr. Fresh.	Collins
Love, J. D.	Agr. Fresh.	Lexington
Love, W. W.	Agr. Two Yr. W. S.	Osborn
Loyd, M.	Agr. Fresh.	Ruleville
Lucas, G. P.	Agr. Fresh.	Felixville, La.
Lucke, C. B.	Eng. Fresh.	Starkville
Lumpkin, J. W.	Agr. Fresh.	Lucedale
Lundy, W. V.	W. S.	Lexington
Luper, C. A.	Agr. Fresh.	Prentiss
Lusk, S. E.	Agr. Two Yr.	Greenville
Lyon, R.	Eng. Fresh.	Durant
Lyon, R. R.	Bus. and Ind. Soph.	Durant
Mabry, M. H.	Agr. Sr.	Dublin
Magee, E. C.	Agr. Fresh.	Mendenhall
Magee, O. O.	Agr. Two Yr. W. S.	Tylertown
Magruder, A. F.	Eng. Soph.	Starkville
Magruder, L. F.	Sc. Fresh.	Starkville
Mahaffey, D. B.	Unclassified	Braxton
Majeski, E. F.	Eng. Fresh.	Trenton, N. J.
Majure, O. L.	Agr. Fresh.	Dixon
Maley, E. L.	W. S.	Mineral, Texas.
Mann, D. H.	Agr. Fresh.	Greenville
Maples, R. V.	Agr. Fresh.	Oxford
Mapp, E. C.	Agr. Two Yr. W. S.	Union
Markett, J. R.	Sc. Fresh.	Water Valley
Marshall, E.	W. S.	Winfield, Ala.
Martin, E. H.	Agr. Fresh.	Satartia
Martin, G. I.	Agr. Sr.	Meridian
Martin, L. W.	Eng. Fresh.	Starkville
Martin, R.	E. E. Sr.	Starkville
Martin, S. J.	Eng. Fresh.	Hattiesburg
Martin, S. R.	Eng. Fresh.	Carthage

Name.	Course-Class.	Postoffice.
Martin, W. W.	Unclassified	Macon
Mason, A. S.	Agr. Sr.	Quitman
Mason, G. E.	W. S.	Muldon
Mathews, F. M.	Agr. Fresh.	Utica
Mathews, W. H.	W. S.	Sylvarena
Mathis, A. E.	W. S.	Water Valley
Matthews, G. C.	W. S.	Winnsboro, La.
Mattox, A. J.	Eng. Fresh.	Amory
Mauldin, H. E.	Agr. Fresh.	Waynesboro
May, R. G.	Bus. and Ind. Fresh.	Starkville
May, W. H.	Agr. Fresh.	Brandon
Mayfield, J. B.	Agr. Soph.	Mt. Olive
Mayfield, J. R.	Eng. Fresh.	Collins
Mayfield, T. M.	Agr. Jr.	Raleigh
Mayfield, W. W.	E. E. Jr.	Durant
Mayo, A. E.	Bus. and Ind. Fresh.	Philadelphia
Mays, J. F.	C. E. Jr.	Lyon
Mays, S. P.	W. S.	Carbon Hill, Ala.
McAlexander, C. L.	Eng. Fresh.	Collins
McAlister, J. M.	Eng. Soph.	Waynesboro
McAnulty, R. M.	Eng. Fresh.	Bolivar, Tenn.
McCain, D. M.	Eng. Soph.	Mathiston
McCallister, B. D.	Bus. and Ind. Soph.	Stewart.
McCarley, H. F.	W. S.	Graham, Ala.
McCarty, A. G.	Sc. Fresh.	Quitman
McCaskill, J. L.	Sc. Fresh.	Columbus.
McLain, L. H.	W. S.	Red Level, Ala.
McCombs, G. C.	M. E. Jr.	Lake
McCord, R. L.	Agr. Two Yr.	Pontotoc
McCormick, T. G.	Agr. Fresh.	Forest
McCullough, J. M.	Sc. Soph.	Columbus
McCune, E. D.	C. E. Sr.	Durant
McCune, Joe	Eng. Fresh.	Durant
McDaniel, R. L.	W. S.	Dozier, Ala.
McDill, J. W.	W. S.	Gadsden, Ala.
McDonald, Ed.	Agr. Soph.	Marvell, Ark.
McDonald, O. S.	Agr. Fresh W. S.	Monroe, La.
McDonald, W. G.	Agr. Two Yr. W. S.	Leakesville
McDonald, W. I.	Agr. Two Yr.	Tylertown
McDougal, R. A.	Eng. Spec.	Calhoun City
McGee, J. R.	W. S.	Enterprise, Ala.
McGehee, D.	Agr. Soph.	Smithdale
McGilvroy, H. W.	Agr. Two Yr.	Collins
McGowan, G. F.	Eng. Soph.	Hattiesburg
McGowan, J. D.	Agr. Fresh.	Quitman
McGraw, J. J.	W. S.	Houston
McGuire, R. A.	Eng. Fresh.	Tupelo
McHan, W. S.	W. S.	Weir
McIlhenny, G. D.	Eng. Fresh.	Forest
McInish, J. H.	W. S.	Marble Valley, Ala.
McInnis, D. C.	Agr. Jr.	Mendenhall
McInnis, S. C.	Agr. Two Yr.	Prentiss
McIntosh, A.	Sc. Sr.	Ratilff
McIntosh, D. A.	Agr. Fresh.	Collins
McIntosh, J.	Bus. and Ind. Fresh.	Crystal Springs
McIntosh, K. N.	Eng. Fresh	Moss Point
McKee, A. G.	Agr. Fresh.	Athens, La.
McKell, C. V.	Eng. Soph.	Starkville
McKenzie, R. B.	W. S.	Randolph, Ala.
McKenzie, W. M.	Agr. Fresh.	Mahned
McKinley, J. F.	Agr. Fresh.	Braxton
McKnight, L.	W. S.	Pontotoc
McKnight, L. S.	Agr. Fresh.	Scobey
McKnight, O. L.	E. E. Sr.	Starkville
McLain, J. E.	W. S.	Richton
McLain, J. K.	Unclassified	Bassfield
McLaren, W. P.	Agr. Fresh.	New York City
McLaurin, P. T.	Agr. Fresh.	Fayette
McLean, P. K.	Agr. Two Yr.	Bassfield
McLean, R.	Agr. Fresh.	Grenada
McLemore, J. A.	Agr. Spec. W. S.	Pittsboro
McLeod, J. E.	Agr. Soph.	Mt. Olive
McMahon, T. P.	Sc. Fresh.	Greenville
McMillan, E.	Agr. Fresh.	McAdams

Name.	Course-Class.	Postoffice.
McMillan, R. C.	Bus. and Ind. Soph	Booneville
McMillan, G. F.	Agr. Fresh.	Louisville
McNeel, T. E.	Agr. Fresh.	Lake
McRae, P. H.	Sc. Fresh.	Okolona
McRaney, B. S.	Eng. Soph.	Pascagoula
McReynolds, D. S.	Agr. Soph.	Starkville
McReynolds, J. L.	Agr. Soph.	Starkville
McWilliams, L. M.	Agr. Fresh.	Meridian
Mejia, E. V.	Agr. Spec.	Pereira, Columbia, S. A.
Melancon, J. J.	E. E. Jr.	Donaldsville, La.
Menefee, E. L.	Agr. Fresh. W. S.	Ansley, Ala.
Mercer, J. A.	W. S.	Borden Springs, Ala.
Merrill, J.	W. S.	Hayden, Ala.
Meyers, L. H.	Eng. Fresh. W. S.	Gulfport
Middleton, R. L.	Eng. Fresh.	McComb
Mikell, A. F.	Eng. Fresh.	Silver Creek
Miles, G. T.	Agr. Fresh.	Pulaski
Miller, C. S.	Agr. Spec.	Bexley
Miller, F. T.	Eng. Fresh.	Okolona
Miller, H. G.	Agr. Fresh.	Lorman
Miller, J. K.	Agr. Fresh.	Holly Springs
Miller, J. L.	Eng. Fresh.	Silver Creek
Miller, J. N.	Agr. Soph.	Centreville
Miller, L. L.	Eng. Fresh.	West Point
Miller, M. B.	W. S.	Baileytown, Ala.
Miller, W. C.	W. S.	Georgiana, Ala.
Milner, J. K.	Agr. Soph.	Gulfport.
Mills, J. J.	W. S.	Carthage
Milton, J.	Agr. Fresh.	Baldwyn
Milton, R. M.	Eng. Fresh.	Baldwyn
Miner, F. H.	Eng. Fresh.	Meridian
Minyard, W. H.	Agr. Soph.	Greenwood
Mitchell, E. M.	W. S.	Picayune
Mitchell, M. B.	Eng. Fresh.	Sardis
Mitchell, R. E.	Agr. Fresh.	Schlater
Mitchell, R. N.	M. E. Sr.	Bolivar, Tenn.
Mitchell, W. D.	Agr. Fresh.	Moscow
Mixon, W. J.	W. S.	Woodland
Mobley, E. P.	Agr. Fresh. W. S.	Yazoo City
Moncrief, R. C.	Agr. Fresh.	Starkville
Monroe, A. L.	Agr. Soph.	Lake
Montgomery, H. J.	Agr. Fresh.	Durant
Montjoy, G. C.	Agr. Fresh.	Greenwood
Moore, A. M.	Agr. Fresh.	Bogue Chitto
Moore, J. P.	Agr. Fresh.	Mineral Wells
Moore, R. D.	Ed. Soph.	Macon
Moore, S. D.	Eng. Fresh.	Carthage
Moore, T. E.	Agr. Soph.	Fulton
Moore, W.	Eng. Fresh.	Hazlehurst
Moore, W. D.	Agr. Soph.	Carthage
Moreau, L. M.	Agr. Fresh. W. S.	Alexandria, La.
Morehead, C. A.	Eng. Soph.	Port Gibson
Morgan, F. J.	Ed. Spec.	Whynot
Morgan, J. C.	Agr. Fresh.	North Carrollton
Morris, D. C.	Agr. Fresh.	Hattiesburg
Morris, J. T.	Agr. Soph.	Tylertown
Morris, M. R.	Eng. Fresh.	West Point
Morris, R. L.	Eng. Fresh.	Vincent, Ark.
Morrow, R. D.	Agr. Fresh.	Amory
Mosley, E. T.	Agr. Two Yr.	Vossburg
Mott, J. C.	Agr. Fresh.	Union
Mott, R. L.	Bus. and Ind. Fresh	Union
Moulds, G. E.	Bus. and Ind. Fresh	Enterprise
Mounger, W. M.	Eng. Fresh.	Collins
Mulhern, L. J.	Agr. Two Yr.	Alto, La.
Muniot, A. G.	Agr. Fresh. W. S.	New Orleans, La.
Murphy, J. R.	Agr. Two Yr.	Indianola
Murphy, L. W.	Bus. and Ind. Fresh	Columbus
Muse, J. F.	Agr. Fresh. W. S.	Dublin
Muse, Otto	Agr. Fresh. W. S.	Whistler, Ala.
Myers, J. M.	Eng. Fresh.	Hattiesburg
Myers, R. S.	Eng. Fresh.	Fulton
Myers, W. J.	Eng. Fresh.	Magee
Napier, J. H.	Ed. Jr.	Poplarville

Name.	Course-Class.	Postoffice.
Nason, Guy	Agr. Spec. W. S.	Starkville
Neal, C. A.	Eng. Fresh.	Carrollton
Necaise, R. W.	Agr. Fresh. W. S.	Kiln
Neill, R. H.	Eng. Soph.	Forest
Neill, S. M.	Unclassified	North Carrollton
Nelson, E. D.	Agr. Fresh.	Holly Springs
Nelson, G. W.	Eng. Soph.	Hattiesburg
Nelson, R. B.	Bus. and Ind. Fresh.	Jackson
New, E. L.	Sc. Fresh.	Bailey
New, Isaac	Agr. Spec.	Etta
Newkirk, J. R.	Sc. Fresh.	Charleston
Newman, A. L.	Bus. and Ind. Soph.	Satartia
Newsom, P. C.	Eng. Fresh.	Louisville
Newton, D. P.	Bus. and Ind. Fresh.	Sontag
Nicholson, L.	Agr. Fresh.	Dixon
Nickle, S. C.	Bus. and Ind. Soph.	Batesville
Noble, A. S.	Bus. and Ind. Fresh.	Laurel
Noble, J. E.	Eng. Soph.	Jackson
Nobles, W. W.	Sc. Fresh.	Marks
Nolen, I. R.	Agr. Soph.	Alexander City, Ala.
Norton, J. T.	Sc. Fresh.	Vicksburg
Norton, R. W.	W. S.	Anniston, Ala.
Oakes, J. R.	Bus. and Ind. Fresh.	Charleston
Ocallaghan, J. P.	W. S.	Pontotoc
O'Dowd, E. J.	Ag. Fresh.	New Orleans, La.
Oglesby, J. A.	Agr. Fresh.	Chatham
Ogletree, R. D.	Agr. Soph.	Dixon
Oliphant, T. A.	Ed. Spec.	Amory
O'Neal, O. E.	Eng. Fresh.	Baton Rouge, La.
O'Neal, O. S.	Agr. Fresh.	Landon
O'Neal, P. A.	Sc. Soph.	Landon
O'Quinn, J. M.	Agr. Sr	Tylertown
O'Quinn, W. L.	Bus .and Ind. Fresh	Barto
Orr, G. L.	Agr. Soph.	Dossville
Osborne, T.	W .S.	Moorhead
Oswalt, J.	W. S.	Sturgis
Oswalt, Z. E.	Agr. Jr.	Longview
Ott, D. L.	Eng. Fresh.	Hovey
Otts, R. R.	W. S.	Sulligent, Ala.
Overstreet, D.	W. S.	Laurel
Owens, J. B.	Agr. Fresh.	Grenada
Pace, J. H.	Agr. Fresh.	Pace
Pace, R. L.	Sc. Jr.	Bailey
Parker, H. W.	Agr. Jr.	Booneville
Parker, H. Y.	Unclassified	Cruger
Parker, J. F.	Eng. Fresh.	DeSoto
Parker, J. L.	Unclassified	Canton
Parker, J. R.	Agr. Spec.	Graysport
Parker, T. I.	Agr. Fresh.	Louisville
Parsons, F. O.	Agr. Fresh.	Lucien
Paslay, K. S.	Agr. Two Yr.	West Point
Patrick, J.	Sc. Fresh.	Booneville
Payne, H. C.	W. S.	Albertville, Ala.
Pearce, J.	Agr. Fresh.	Magnolia, Ark.
Pearson, G. B.	Agr. Jr.	Port Gibson
Pearson, J. H.	Eng. Soph.	Port Gibson
Peconnis, A. G.	W. S.	Fowl River, Ala.
Peebles, R. W.	Eng. Soph.	Philadelphia
Pendergrast, O. H.	W. S.	Larkinsville, Ala.
Penn, D. O.	Unclassified	Mt. Olive
Penn, J. H.	Eng. Fresh.	Mt. Olive
Perkins, J. P.	Eng. Fresh.	Batesville
Perry, A. S.	Agr. Fresh.	Hollywood
Perry, A. T.	Eng. Fresh.	Sumrall
Perry, F. M.	M. E. Sr.	Hollywood
Perryman, L. G.	Bus. and Ind. Spec.	Lula
Peters, B. J.	Eng. Fresh.	Hollandale
Peterson, W. W.	Bus. and Ind. Jr.	Brooksville
Pettis, A. C.	W. S.	Mobile, Ala.
Pettit, O. E.	Bus. and Ind. Fresh.	Kosciusko
Pevey, F. N.	Agr. Fresh. W. S.	Crystal Springs
Phares, J. E.	Unclassified	Laurel
Philips, G.	W. S.	Alton, Ala.
Phillips, R.	W. S.	Notasulga, Ala.

Name.	Course-Class.	Postoffice.
Pickering, C. A.	E. E. Sr.	Mt. Olive
Pier, W. T.	W. S.	Lagrange, La.
Pierce, H. S.	Unclassified	Union
Pierce, J. L.	W. S.	West Monroe, La.
Pigott, G. E.	Agr. Fresh.	Tylertown
Pinkney, A. E.	Sc. Sr.	Brooklyn, N. Y.
Pittman, F. A.	Agr. Fresh.	Coffeeville
Pitts, J. R.	Bus. and Ind. Spec.	Waynesboro
Plyler, J. H.	Eng. Soph.	Hesterville
Pope, J. B.	Agr. Soph.	Conway
Porter, C. R.	Bus. and Ind. Fresh.	Shannon
Porter, G. J.	Agr. Fresh.	Mt. Hermon, La.
Porter, H. C.	Agr. Fresh. W. S.	Lexington
Porter, J. S.	Eng. Fresh.	Lena
Porter, W. W.	Agr. Sr.	Lambert
Posey, J. W.	W. S.	Dothan, Ala.
Potts, S. F.	Agr. Soph.	Crawford
Povall, A. S.	Eng. Fresh.	Lexington
Powe, W. A.	Sc. Sr.	Hattiesburg
Powell, H. C.	Agr. Two Yr.	Vicksburg
Poythress, J. E.	Bus. and Ind. Soph.	Meridian
Prather, O. A.	Agr. Soph.	Tie Plant
Prather, O. L.	Eng. Fresh.	Tie Plant
Prescott, R. G.	Agr. Sr.	Waynesboro
Prewitt, T. O.	Agr. Fresh.	Ackerman
Price, C. B.	Unclassified	Bogue Chitto
Price, R. C.	Agr. Jr.	Morgan City
Price, R. L.	Agr. Fresh.	Bogue Chitto
Pryor, T. W.	Agr. Fresh.	Calhoun City
Pugh, J. J.	Agr. Two Yr. W. S.	Starkville
Pulliam, W. W.	Agr. Fresh.	Strongs
Putt, E. H.	W. S.	Corinth
Quekemeyer, R. K.	Agr. Soph.	Yazoo City
Quisenberry, W. Y.	Sc. Fresh.	Clinton
Ragland, L. L.	W. S.	Centerville, Ala.
Raines, W. G.	Sc. Sr.	Jackson
Rainey, D. W.	Agr. Soph.	Starkville
Ramsay, A. C.	Sc. Jr.	Collins
Ramsay, F. R.	E. E. Jr.	Mt. Olive
Ramsay, H. B.	E. E. Spec.	Ocean Springs
Randall, A.	W. S.	Columbia
Randall, J. H.	W. S.	Talladega, Ala.
Rather, G. S.	Agr. Fresh.	Little Rock, Ark.
Ratliff, G. D.	Agr. Spec. W. S.	Clinton
Rawlins, E. H.	Agr. Two Yr. W. S.	Washington, D. C.
Rawls, G. C.	Eng. Fresh.	Summit
Rawls, L. R.	Agr. Fresh.	Hattiesburg
Rawls, R. D.	Agr. Soph.	Hattiesburg
Ray, F. M.	W. S.	Ashland, Ala.
Ray, G. B.	Agr. Jr.	Cleveland
Ray, R. B.	Sc. Spec.	Kosciusko
Rayborn, A. C.	Agr. Spec. W. S.	Kentwood, La.
Rayburn, J. E.	Agr. Two Yr.	Columbia
Rayburn, L. M.	Agr. Soph.	Columbia
Reddoch, L.	Agr. Fresh.	Summerland
Reech, S.	W. S.	Big Bend, La.
Reed, J. H.	Eng. Fresh.	Wiggins
Reed, J. L.	Agr. Fresh.	Ripley
Reed, S. L.	Bus. and Ind. Spec.	Tupelo
Reed, W. D.	Agr. Fresh.	Eupora
Reeves, B. N.	W. S.	Decatur
Reeves, R. G.	Agr. Fresh.	Summit
Reid, W. M.	M. E. Sr.	Canton
Reilly, J. F.	Agr. Fresh.	Moss Point
Reynolds, O. B.	Eng. Soph.	Corinth
Reynolds, W. M.	Eng. Fresh.	Hattiesburg
Rhodes, J. R.	Unclassified	Wilmar, Ark.
Rhodes, J. W.	Sc. Fresh.	Gideon
Rhyne, D. H.	Bus. and Ind. Fresh.	Durant
Rice, G. P.	Sc. Fresh.	Rosedale
Rich, C. S.	Agr. Spec.	Richton
Richardson, A. S.	W. S.	Embry
Richardson, J. E.	Agr. Two Yr. W. S.	Philadelphia
Richardson, R. H.	Agr. Two Yr. W. S.	Crews Depot, Ala.

Name.	Course-Class.	Postoffice.
Riddell, G. S.	Agr. Two Yr.	Drew
Riggs, F. W.	Sc. Jr.	Greenville
Riley, C. L.	Agr. Soph.	Rawles Springs
Rinehert, J. T.	Agr. Two Yr. W. S.	Corinth
Rives, V. C.	Sc. Fresh.	Harperville
Robbins, T. C.	Eng. Fresh.	Moss
Robert, W. P.	Agr. Jr.	Agricultural College
Roberts, E. L.	Agr. Two Yr.	Bristol, Tenn.
Roberts, E. S.	Agr. Jr.	Arena
Roberts, J. M.	Ed. Fresh.	Artesia
Roberts, M. M.	Agr. Soph.	Arena
Roberts, V. P.	E. E. Jr.	Jackson, La.
Roberts, W. C.	W. S.	Richton
Robin, R. C.	Eng. Soph.	Jackson
Robins, A. E.	Sc. Fresh.	Meridian
Robinson, C. B.	Sc. Fresh.	Increase
Robinson, F. M.	W. S.	Athens, Ala.
Robinson, M. M.	Agr. Fresh.	Jackson
Robinson, W. L.	Agr. Fresh.	Rara Avis
Rodgers, F. E.	Ed. Soph.	Weir
Rodgers, H. O.	Agr. Fresh.	Weir
Rodgers, J. W.	Eng. Fresh.	Laurel
Rogers, S. C.	Agr. Fresh. W. S.	Benndale
Rogers, W. B.	Agr. Fresh.	Ovett
Romansky, T.	Sc. Soph.	Greenville
Roney, W. C.	Agr. Two Yr. W. S.	Samson, Ala.
Rosario, F. del	Agr. Fresh.	Cebu, P. I.
Ross, C. A.	Agr. Soph.	Star
Ross, C. E.	Agr. Fresh.	Star
Ross, R. M.	Agr. Sr.	Hattiesburg
Ross, W. T.	W. S.	Corinth
Roughton, E. W.	Agr. Two Yr. W. S.	Inverness, Ala.
Rousseau, C. E.	Agr. Fresh. W. S.	Huntsville, Ala.
Runnels, B. E.	Agr. Soph.	Ellisville
Rush, D. J.	Eng. Fresh.	Philadelphia
Russell, C. E.	Agr. Sr.	Belzoni
Russell, J. M.	Agr. Fresh.	Eden
Russell, R. W.	Agr. Fresh.	Puckett
Russum, J. F.	Agr. Soph.	Flora
Rutledge, I. B.	Agr. Jr.	Iuka
Sallis, J. E.	C. E. Jr.	Kosciusko
Sanders, G. T.	W. S.	Kosciusko
Sanders, P. D.	Agr. Soph.	West
Sanders, W. W.	Agr. Jr.	Indianola
Sanderson, C. S.	Eng. Fresh.	Houston
Sargent, G. T.	Agr. Soph.	Calhoun City
Saunders, C. E.	Eng. Fresh.	Greenwood
Saunders, D. A.	Agr. Fresh.	Starkville
Saunders, E. B.	Sc. Soph.	Charleston
Saunders, J. R.	Unclassified	Oxford
Saunders, W. B.	Agr. Soph.	Greenwood
Savoie, R.	W. S.	Lafayette, La.
Sawyer, C.	Agr. Two Yr. W. S.	Morrow, La.
Scarborough, L. M.	Bus. and Ind. Fresh.	Biloxi
Schmidt, M. P.	M. E. Jr.	Forest
Schwentker, V. H.	Agr. Jr.	Lucedale
Scioneaux, E. J.	W. S.	Chamberlin, La.
Scroggins, J. F.	Agr. Sr.	Ellisville
Scott, G. N.	Agr. Spec. W. S.	Georgetown
Scroggins, R.	W. S.	Louisville
Seale, C. N.	Agr. Two Yr.	Roxie
Sebren, G. N.	W. S.	Crystal Springs
See, P. L.	Bus. and Ind. Fresh.	Reform, Ala.
Seeley, L. P.	Eng. Fresh.	Meridian
Seilin, M. D.	Ed. Spec.	Starkville
Selser, I. M.	Agr. Fresh.	Hattiesburg
Sexton, W. B.	Agr. Fresh.	Whitwell, Tenn.
Shannon, W. R.	Agr. Fresh.	Big Creek
Sharbrough, M. L.	Eng. Soph.	Port Gibson
Sharp, L. O.	Agr. Spec.	Sturgis
Sharp, S. O.	Agr. Two Yr. W. S.	Corinth
Shaw, M. B.	Eng. Fresh.	Centreville
Shaw, M. S.	Agr. Fresh. W. S.	Ackerman
Shedd, W. H.	Bus. and Ind. Fresh.	Purvis

Name.	Course-Class.	Postoffice.
Sheehy, J. R.	Agr. Fresh.	Durant
Shelton, L. P.	Bus. and Ind. Jr.	Greenville
Shields, T. C.	Sc. Spec.	New Orleans, La.
Shoemaker, W. H.	Ed. Soph.	Louin
Shoup, H. J.	Agr. Soph.	Michigan City
Sibley, J. D.	Agr. Soph.	Sandy Hook
Sikes, J. D.	W. S.	Troy, Ala.
Sikes, P. S.	Ed. Fresh.	Edinburg
Simmons, H. W.	Agr. Fresh. W. S.	Ariton, Ala.
Simmons, T. R.	Eng. Fresh.	Long Beach
Simmons, W. L.	Eng. Fresh.	Barto
Simon, C. M.	Agr. Soph.	New Orleans, La.
Sims, C. D.	Agr. Two Yr. W. S.	Logansport, La.
Skinner, R. S.	Eng. Fresh.	Lucedale
Small, J. A.	W. S.	Farmersville, Ala.
Smith, A.	W. S.	Vincent, Ala.
Smith, A. B.	Agr. Soph. W. S.	Poplarville
Smith, A. R.	W. S.	Buffalo, N. Y.
Smith, A. V.	Agr. Soph.	West
Smith, C. P.	Eng. Fresh.	Mechanicsburg
Smith, D. B.	Eng. Fresh.	Meridian
Smith, Dewitt M.	Agr. Fresh.	Osyka
Smith, Duncan M.	Bus. and Ind. Fresh.	Toomsuba
Smith, E.	Agr. Fresh.	Harriston
Smith, G. L.	Agr. Soph.	Mechanicsburg
Smith, H. A.	W. S.	Munford, Ala.
Smith, H. L.	Agr. Sr.	Wesson
Smith, I. F.	Unclassified	Magnolia
Smith, James A.	W. S.	Winfield, Ala.
Smith, Jennings A.	Sc. Fresh.	Winona
Smith, J. B.	Sc. Soph.	Houston
Smith, J. D.	Eng. Fresh.	Senatobia
Smith, J. L.	Ed. Fresh.	Osyka
Smith, L. B.	Agr. Soph.	Magee
Smith, M. E.	Agr. Fresh.	Woodville
Smith, N.	W. S.	Bogalusa, La.
Smith, O. Z.	Agr. Soph.	Leakesville
Smith, R. B.	Eng. Fresh.	Winona
Smith, R. H.	Sc. Soph.	Fincastle, Va.
Smith, R. J.	Agr. Jr.	Decatur
Smith, S. E.	Agr. Fresh.	Clarksdale
Smith, W. E.	Ed. Sr.	Starkville
Smith, W. H.	Agr. Fresh.	Satartia
Smith, W. M.	Agr. Soph.	Osyka
Smith, W. R.	Agr. Jr.	Booneville
Smith, W. T.	Eng. Fresh.	Moss Point
Snell, W. C.	W. S.	Grove Hill, Ala.
Snellgrove, C.	W. S.	Elba, Ala.
Snowden, J. E.	Eng. Fresh.	Hickory
Spain, T. A.	Agr. Two Yr.	Booneville
Spann, R. R.	Agr. Sr.	Highlandale
Sparks, E. T.	W. S.	Oxford, Ala.
Sparks, T. E.	W. S.	Oxford, Ala.
Speights, H. A.	Agr. Two Yr. W. S.	Conway
Speir, H. C.	Agr. Fresh. W. S.	Walnut Grove
Spencer, A. L.	Eng. Soph.	Hernando
Spencer, W. O.	Eng. Soph.	Okolona
Spinks, R. D.	Agr. Fresh.	Daleville
Stallings, W. B.	Agr. Sr.	Brooksville
Stancell, L. A.	W. S.	Round Mountain, Ala.
Stanford, E. L.	Agr. Fresh.	Deemer
Stanley, J. E.	Agr. Jr.	West Point
Stapleton, D. V.	Agr. Soph.	Hattiesburg
Steadman, C. M.	Agr. Fresh.	West Point
Stennis, H. T.	Eng. Fresh.	Macon
Stennis, J. C.	Agr. Fresh.	DeKalb
Steuterman, H. J.	Agr. Spec.	Memphis, Tenn.
Stevens, J. W.	Agr. Jr.	Montpelier
Stevens, W. A.	Agr. Two Yr. W. S.	Bay Springs
Stewart, A. J.	W. S.	Elba, Ala.
Stewart, C. J.	Bus. and Ind. Fresh.	Biloxi
Stewart, E. C.	M. E. Sr.	Arkansas City, Ark.
Stewart, R. J.	W. S.	Covington, La.

Name.	Course-Class.	Postoffice.
Stewart, T. H.	Agr. Two Yr.	Tuscaloosa, Ala.
Stewart, W. S.	W. S.	Lake View
Stigall, H. E.	Agr. Two Yr.	Rolling Fork
Stigler, L. L.	Agr. Soph.	Yazoo City
Stinson, E. C.	Agr. Jr.	Ridgeway, Va.
Stinson, J. R.	Agr. Spec.	Shubuta
St. John, H. P.	Bus. and Ind. Fresh.	Brooksville
Stockett, L. B.	Agr. Fresh.	Turnbull
Stone, H. C.	Agr. Ed. Jr.	Smithville
Stovall, R. H.	Agr. Fresh.	Greenville
Stovall, W. D. R.	Eng. Fresh.	Clinton
Stowers, W. K.	Sc. Soph.	Natchez
Strain, J. V.	Eng. Fresh.	Guntown
Street, J. D.	W. S.	Leighton, Ala.
Strickland, L.	W. S.	Dubach, La.
Stringfellow, G. E.	Eng. Spec.	Shipman
Stringfellow, W. B.	Bus. and Ind. Soph.	Aliceville, Ala.
Strong, R. B.	Eng. Fresh.	West Point
Strother, J. T.	W. S.	Oberlin, Ala.
Stroup, W. B.	Agr. Two Yr.	Ashland
Stuart, J. T.	Bus. and Ind. Fresh.	Electric Mills
Stubbs, C. J.	W. S.	Utica
Stubbs, H.	Eng. Fresh.	Hillsboro
Sturdivant, R. V.	W. S.	Cuba, Ala.
Suber, R. D.	Agr. Fresh.	Louisville
Sudduth, W. P.	Agr. Fresh.	Starkville
Sullivan, E. B.	E. E. Sr.	North Carrollton
Sullivan, E. E.	Agr. Two Yr.	Dickerson
Summerour, M. H.	Agr. Fresh.	Lucedale
Sumrall, A. J.	W. S.	Soso
Suttles, E. A.	Unclassified	Columbia
Sutton, J. L.	Eng. Soph.	Indianola
Swain, R. C.	Agr. Spec.	New Albany
Swan, F. E.	Agr. Fresh.	Briers
Swan, F. O.	Agr. Spec.	Briers
Swan, H. L.	Agr. Two Yr. W. S.	Purvis
Swartwout, D. G.	Eng. Soph.	Pascagoula
Sweatt, R. L.	Agr. Fresh.	Ruleville
Swift, J. B.	Agr. Jr.	Knoxo
Swindle, J. C.	W. S.	Oakman, Ala.
Switzer, O.	Agr. Two Yr.	Crossett, Ark.
Taggart, V. L.	Agr. Spec.	Moorhead
Tate, C. A.	Agr. Fresh.	Senatobia
Taylor, A. C.	Agr. Jr.	Okolona
Taylor, A. E.	W. S.	Mathiston
Taylor, E. T.	Agr. Jr.	Gulfport
Taylor, J. A.	Agr. Soph.	Leland
Taylor, R. V.	Agr. Fresh.	Somerville, Tenn.
Taylor, W. Flanagan	E. E. Sr.	Pelahatchie
Taylor, W. Floyd	Agr. Soph.	Como
Taylor, W. L.	Agr. Fresh.	Eupora
Templeton, L. M.	Eng. Fresh.	Centreville
Terrell, B. A.	Eng. Fresh.	Collins
Terry, W. C.	Eng. Fresh.	Long Beach
Thibodeaux, J.	W. S.	Branch, La.
Thigpen, D.	M. E. Jr.	Lake Como
Thomae, A.	Agr. Jr.	Fayette
Thomae, G.	Agr. Fresh.	Fayette
Thomason, E. P.	W. S.	Shawmut, Ala.
Thomason, L. L.	Unclassified	Blue Springs
Thompson, A. G.	Agr. Fresh.	Boyce, La.
Thompson, G. A.	Agr. Fresh.	Percy
Thompson, H. L.	Agr. Two Yr. W. S.	Ruth
Thompson, R. D.	Agr. Fresh.	Byhalia
Thornton, S. B.	Agr. Fresh. W. S.	Rogersville, Ala.
Thrash, R. L.	Eng. Fresh.	Meridian
Tibbs, R. N.	Agr. Fresh.	Hushpuckena
Timbes, C. A.	Agr. Fresh.	Burnsville
Tindall, B. F.	W. S.	Houlka
Tindall, R. C.	Agr. Fresh.	Indianola
Tingle, C. M.	Bus. and Ind. Sr.	Utica
Tinnon, J. E.	Agr. Jr.	Ellisville
Todd, F. H.	Agr. Fresh.	Cliftonville

Name.	Course-Class.	Postoffice.
Tolar, J. H.	Agr. Two Yr. W. S.	Hathorn
Tools, J. F.	W. S.	Eufaula, Ala.
Torrey, J.	Agr. Fresh.	Union Church
Torrey, P.	Agr. Fresh.	Union Church
Townes, B. W.	Agr. Soph.	Grenada
Trapp, I. B.	Sc. Fresh.	Philadelphia
Triplett, J. H.	Eng. Fresh.	Crawford
Triplett, J. L.	Eng. Soph.	McCool
Trotter, C. P.	Sc. Sr.	Vaiden
Tucker, J. W.	Sc. Spec.	Jackson
Turner, A.	W. S.	Daleville, Ala.
Turner, C. D.	Agr. Fresh.	Harperville
Turner, J. T.	Agr. Spec.	Marks
Turner, T. Q.	Bus. and Ind. Jr.	Saltillo
Turner, W. B.	Agr. Fresh.	Cypert, Ark.
Tutor, J. S.	Bus. and Ind. Fresh.	Pontotoc
Tyson, W. S.	Eng. Fresh.	Starkville
Underwood, J. R.	Unclassified	Kossuth
Underwood, K. C.	Ed. Soph.	Sebastopol
Underwood, L. Q. C.	Agr. Soph.	Sebastopol
Vance, L. B.	Agr. Fresh.	Slate Springs
Vann, S. A.	Agr. Two Yr. W. S.	Ashford, Ala.
Vaughan, H. H.	Agr. Fresh. W. S.	Birmingham, Ala.
Vaughan, J. S.	Agr. Soph.	Shannon
Vaughn, J. W.	Agr. Fresh.	Ellisville
Veal, F. D.	W. S.	Troy, Ala.
Venable, E. H.	Agr. Jr.	Hattiesburg
Vernon, J. V.	Agr. Sr.	McComb
Vick, A. M.	Agr. Two Yr. W. S.	Ellisville
Vick, A. S.	Agr. Fresh.	Central Academy
Vinzant, G. W.	Eng. Fresh.	Burns
Vinzant, W. B.	Agr. Soph.	Burns
Virden, B. H.	Agr. Sr.	Cynthia
Wade, H. H.	Agr. Fresh.	Cleveland
Wadley, C. E.	Bus. and Ind. Soph.	Tunica
Wagner, J.	Agr. Fresh.	Fayette
Waits, F. D.	Bus. and Ind. Fresh.	Sumrall
Waldron, C. L.	Eng. Fresh.	Simsboro, La.
Walker, B. B.	Eng. Fresh. W. S.	Tylertown
Wall, W. E.	E. E. Sr.	Pond
Wallace, D. J.	Agr. Fresh.	Louisville
Wallace, H. E.	Agr. Soph.	Tipley
Wallace, J.	W. S.	Booneville
Wallace, J. M.	Agr. Fresh.	Ripley
Wallace, J. W.	Agr. Fresh.	Longview
Wallace, L. C.	W. S.	Forest
Wallace, R. B.	Agr. Two Yr. W. S.	New Orleans, La.
Waller, T.	W. S.	Honoraville, Ala.
Walls, M. P.	Eng. Fresh.	Holly Grove, Ark.
Walton, O. L.	Bus. and Ind. Spec.	Newton
Wamsley, H. E.	M. E. Jr.	Starkville
Ward, A. B.	W. S.	Semmes, Ala.
Ward, J. J. F.	W .S.	Kinston, Ala.
Ware, B. F.	Agr. Soph.	Elliott
Warrick, W. H.	Agr. Two Yr. W. S.	Montgomery, Ala.
Warrington, N. J.	W. S.	Vaiden
Washburn, J. A.	W. S.	Sylvania, Ala.
Watrous, J. F.	E. E. Jr.	Long Beach
Watson, C. H.	Eng. Spec.	Iuka
Watt, H. C.	Agr. Spec.	Blue Springs
Watts, S. C.	Eng. Spec.	Meridian
Weathersby, W. O.	Eng. Fresh.	Greenwood
Webb, A. B.	Sc. Fresh.	Jackson
Webb, J. A.	Agr. 2 Yr. W. S.	Columbia, Ala.
Webb, K. B.	C. E. Jr.	Nettleton
Webb, M. A.	Agr. Fresh.	Cleveland
Webb, V. W.	Agr. Fresh.	Noxapater
Webb, W. C.	Eng. Soph.	Nettleton
Wedgworth, H.	Agr. Fresh.	Lauderdale
Weeks, J. M.	Ed. Spec.	Ruleville
Weems, J. F.	Unclassified	Moss Point
Weissinger, F. J.	Agr. Fresh.	Louise
Weissinger, G. C.	Agr. Fresh.	Louise

Name.	Course-Class.	Postoffice.
Welborn, C. R.	E. E. Sr.	Hattiesburg
Welborn, J. P.	Agr. Jr.	Soso
Welch, J. A.	Agr. Fresh.	Smithville
Welch, S.	W. S.	Luverne, Ala.
Welch, W. D.	Ed. Fresh.	Osyka
Welch, W. W.	Agr. Spec. W. S.	Osyka
Wellinger, C.	Agr. Soph.	Muncie, Ind.
Wellman, J. W.	Agr. Two Yr.	Foxworth
West, C.	W. S.	Bakerhill, Ala.
West, F. B.	W. S.	Verona
West, H. J.	Agr. Fresh.	Slate Springs
West, W. B.	Agr. Spec.	Round Lake
Westbrook, J. O.	Agr. Soph.	Buena Vista
Weston, C. L.	Eng. Soph.	Logtown
Wheat, J. M.	W. S.	Carriere
Whetstone, F.	Ed. Fresh.	Walnut Grove
Whitaker, F. G.	Agr. Fresh.	Mechanicsburg
Whitaker, G. C.	Bus. and Ind. Fresh.	Tylertown
White, A. F.	W. S.	Glen Allen, Ala.
White, F. H.	Eng. Fresh.	West Point
White, F. R.	Agr. Jr.	Nola
White, G. L.	Agr. Soph.	Beach
White, H. B.	Agr. Fresh.	Picayune
White, J. N.	Agr. Fresh.	Belen
White, R. L.	Eng. Fresh.	Sumner
Whitehead, W. M.	Agr. Fresh.	Winona
Whitmire, W. D.	Eng. Fresh.	McCool
Whittington, A. K.	Agr. Fresh.	Tunica
Wicker, B. J.	W. S.	Troy, Ala.
Wier, G. W.	Eng. Spec.	Quitman
Wilbanks, L. R.	Agr. Soph.	Ofahoma
Wilcox, W. R.	Agr. Fresh.	Charleston
Wiley, B. F.	Agr. Jr.	Vaiden
Wilkerson, E. E.	W. S.	Alexander City, Ala.
Wilkerson, T. E.	Agr. Soph.	Daleville
Wilkins, A. L.	Bus. and Ind. Fresh.	Waynesboro
Wilkins, M. L.	W. S.	Goshen, Ala.
Wilkinson, W. B.	Eng. Soph.	Somerville, Tenn.
Wilkinson, W. M.	Eng. Fresh.	Woodville
Willard, A. E.	Agr. Two Yr.	Gallion, Ala.
Williams, C. A.	Agr. Fresh.	Columbus
Williams, C. D.	Eng. Fresh.	Cary
Williams, G. D.	Agr. Soph.	Jackson
Williams, J. B.	W. S.	Fernbank, Ala.
Williamson, A. L.	Agr. Jr.	Decatur
Williamson, J. F.	Agr. Sr.	Lake Cormorant
Williamson, J. P.	Agr. Fresh. W. S.	Stonewall, La.
Williford, E. S.	Sc. Sr.	Carrollton
Williford, S. D.	E. E. Sr.	Carrollton
Wilson, E. M.	Eng. Fresh.	Silver Creek
Wilson, F. M.	Ed. Jr.	Tuscumbia, Ala.
Wilson, H. H.	Sc. Fresh.	Philadelphia
Wilson, J. L.	Agr. Jr.	Batesville
Wilson, James T.	Agr. Jr.	French Camp
Wilson, Jeff T.	Agr. Soph.	Pontotoc
Wilson, N. E.	Agr. Fresh.	Mantee
Wilson, P. E.	Eng. Fresh.	Guntown
Wilson, R. A. N.	Bus. and Ind. Spec.	Batesville
Wilson, W. E.	Eng. Soph.	Batesville
Wilson, W. P.	Agr. Spec.	Tupelo
Wilson, W. X.	Agr. Fresh.	Tupelo
Windham, B.	W. S.	Laurel
Winn, G. J.	Agr. Fresh.	Belzoni
Winstead, W. W.	Eng. Fresh.	Clarksburg
Wise, M. S.	Agr. Fresh.	Jackson, Tenn.
Wiseman, C. K.	Agr. Two Yr.	Blue Springs
Wisner, F. E.	Agr. Fresh.	Dermott, Ark.
Wolbrecht, H. A.	W. S.	Summit
Wolf, C.	W. S.	New Orleans, La.
Wood, A. M.	Agr. Fresh.	Grenada
Woodall, E. E.	Bus. and Ind. Jr.	Coffeeville
Woodard, J. H.	Eng. Fresh.	Agricultural College
Woodward, W. C.	Agr. Two Yr.	Grayville, Ill.

Name.	Course-Class.	Postoffice.
Woodbury, M. D.	Sc. Fresh.	Bainbridge, Ga.
Woods, J. M.	Eng. Fresh.	Mechanicsburg
Woods, R. P.	Agr. Fresh.	Indianola
Wooten, C. F.	Agr. Fresh. W. S.	Empire, La.
Wooten, S. J.	Eng. Soph.	Coldwater
Wooten, T. J.	W. S.	Anniston, Ala.
Wooten, W. V.	Agr. Two Yr.	Memphis, Tenn.
Word, H. S.	Eng. Fresh.	Aberdeen
Worthington, A. D.	Agr. Soph.	Leota
Worthington, L. V.	Agr. Jr.	Leota Landing
Wrenn, F. G.	Agr. Sr.	Lambert
Wright, J. M.	Agr. Fresh.	Pinebur
Wright, J. W.	Agr. Fresh.	Isola
Wyche, T. A.	Agr. Two Yr. W. S.	Lafayette, Ala.
Wynn, Jr.	Agr. Two Yr.	Michigan City
Yaeger, G.	Agr. Sr.	Vicksburg
Yarbrough, W. B.	Agr. Spec. W. S.	Plattsburg
Yelverton, C. N.	Agr. Fresh.	Mize
York, L.	Sc. Fresh.	Coffeeville
Yorks, W. E.	Eng. Fresh.	Charleston
Young, D. M.	Agr. Fresh.	Pascagoula
Young, H. C.	Agr. Soph.	Jackson
Young, P. H.	Agr. Fresh.	Little Springs
Young, W. G.	Agr. Two Yr.	Booneville
Zwald, J. H.	Agr. Fresh.	Amory

CORRESPONDENCE STUDENTS

AGRICULTURAL ECONOMICS.

Name.	Address.
Coleman, D. H.	West Point
Coman, R. M.	Perkinston
McCord, W. A	Corinth

AGRICULTURAL ENGINEERING.

Trussell, J. C.	Olive Branch

AGRONOMY.

Eason, H. T.	Tyro
Graham, F. C.	Wesson
Jones, C. D.	Tula
McCue, F. L.	McAdams
Pope, C. E.	Starke, Florida
Stout, H. F.	Monticello, Arkansas
Trussell, J. C.	Olive Branch
Turner, S. L.	Monticello

ANIMAL HUSBANDRY.

Coleman, H. D.	West Point
Hughes, Loyd	Louisville
Major, Rowland	Jackson, Tennessee
Smith, W. D.	Moscow, Tennessee
Thomas, C. E.	Moorhead
Trussell, J. C.	Olive Branch
Turner, S. L.	Monticello

BOOKKEEPING.

Cochran, W. R.	Shelby

BUSINESS LAW.

Mobley, Thirston	Utica

DAIRY HUSBANDRY.

Coman, R. M.	Perkinston
Higdon, Mrs. B. B.	Hazlehurst

DRAWING.

Spain, J. M.	Shelby

EDUCATION.

Butts, J. L.	Humboldt, Tennessee
Cain, G. J.	Raymond
Meadows, Mrs. T. B.	Agricultural College
Smith, W. D.	Moscow, Tennessee.

ENGLISH.

Burkhalter, T. F.	Enid
Hughes, Loyd	Louisville
Johnson, R. L.	Moscow, Tennessee
Moore, Miss Fannie C.	Philadelphia
Pope, Mrs. C. E.	Starke, Florida
Robison, Mrs. Janie A.	Guntown
Runnels, Bruce E.	Ellisville
Simpson, Mrs. H. F.	Oxford

PHYSIOGRAPHY.

Johnson, R. L.	Moscow, Tennessee

HISTORY.

Fisackerly, Mrs. Allye J.	Walthall

HOME ECONOMICS.

Dilwort, Mrs. Lulah	Coila
Dozier, Miss Charlie A.	Fulton
McBryde, Miss Mary A.	Louisville

HORTICULTURE.

Wuerffel, Charles A.	Cuevas

MODERN LANGUAGE—SPANISH.

Burkhalter, T. F.	Enid

POULTRY, ELEMENTARY.

Anderson, Miss Helen E.	Montgomery, Alabama
Armstrong, Miss Martha	Birmingham, Alabama
Bankston, Miss Dianna	Gadsden, Alabama
Bankson, Miss Luella	Center, Alabama
Barker, Miss Vida	Double Springs, Alabama
Brown, Mrs. J. E. S.	Coker, Alabama
Burns, Mrs. J. B.	Columbus
Carlisle, Miss Ruth	Marion, Alabama
Cooper, Miss Mary H.	Bay Minette, Alabama
DeRussy, Miss Lucile	Natchez
Dobbs, Miss Frank	Fort Payne, Alabama
Feagin, Mrs. Mabel L.	Union Springs, Ala.
Gaines, Mrs. J. J.	Decatur
Graham, F. C.	Wesson
Griffin, Miss Ila D.	Athens, Alabama
Henry, Miss Bertha	Carrollton, Alabama
Hibbard, Miss Ida F.	Decatur
Jones, Mrs. Lida	Auburn, Alabama
Kennedy, Miss Helen	Selma, Alabama
King, Miss Bennie Frank	Tuscumbia, Alabama.
Legg, Miss Susetta	Marion, Alabama
Massey, Miss Ella Mae	Oneonta, Alabama
Mauldin, Miss M. Elizabeth	Talladega, Alabama
McGuire, Mrs. Jessica E.	Mobile, Alabama
Moore, Mrs. Bessie C.	Opelika, Alabama
Newman, Miss Fay S.	Rockford, Alabama
Parker, Mrs. Martha G.	Columbus
Pegram, Mrs. L. M.	Greensboro, Alabama
Peyton, Miss Evelyn	Huntsville, Alabama
Pirkle, Mrs. Annie	Hamilton, Alabama
Polk, Miss Pearl	Jasper, Alabama
Riley, Mrs. Louise M.	Mobile, Alabama
Scott, Mrs. Flora C.	Starke, Florida
Spratling, Mrs. M. A.	Florence, Alabama
Strudwick, Miss Mary R.	Brewton, Alabama
Tappan, Miss Gladys	Auburn, Alabama
Thorington, Mrs. Mamie C.	Montgomery, Alabama
Trussell, J. C.	Olive Branch
Turner, S. L.	Monticello
Walker, Miss Marion	Birmingham, Alabama
Weir, Miss Martha	Pell City, Alabama
Whaley, Miss Ella M.	Clayton, Alabama
Williams, Miss Isadora	Hartford, Alabama
Wipprecht, Miss I. Welch	Cullman, Alabama

POULTRY ADVANCED.

Graham, F. C.	Wesson
Jones, Mrs. Lida	Auburn, Alabama

ZOOLOGY AND ENTOMOLOGY.

Hill, D. A., Jr.	Booneville
Pope, C. E.	Starke, Florida.
Scott, Mrs. Flora C.	Starke, Florida
Stout, H. F.	Monticello, Arkansas

SPECIAL COURSE IN DAIRYING.

Name.	Home Address.
Arnold, Bernice	Corinth
Branum, Lois	Coffeeville
Brown, Mrs. O. B.	Bude
Foster, Lillie	Sontag
Fox, C. L.	Philadelphia
Hood, Elizabeth	Vicksburg
Ishee, Elma Lee	Bay Springs
Jasper, Bobbie	Carpenter
Johnson, Odelia	Canton
Jones, Pearl	Canton
Kelly, Evelyn	Ripley
Lewis, L. L.	Kosciusko
McArthur, Martin	Marks
Nance, Fannie	Ripley
Richardson, Vivian	McAdams
Riley, Arlie	Marks
Singleton, Emma Louise	Dubard
Singleton, Mrs. W. D.	Dubard
Smith, Mrs. Lee	Ripley
Stringer, H.	Canton
Taylor, Bessie	Dossville
Walker, M.	Brookhaven
White, Ada	Ripley
Woodruff, Mrs. W. D.	Houston

SUMMARY.

Graduate Students	6
Agricultural Juniors	71
Agricultural Seniors	83
Agricultural Sophomores	116
Agricultural Freshmen	354
Agricultural Specials	43
Agricultural Education Juniors	3
Agricultural Education Specials	1
Civil Engineering Seniors	4
Electrical Engineering Seniors	17
Mechanical Engineering Seniors	5
Civil Engineering Juniors	2
Electrical Engineering Juniors	14
Mechanical Engineering Juniors	4
Engineering Sophomores	64
Engineering Freshmen	180
Engineering Specials	10
Science Seniors	14
Science Juniors	6
Science Sophomores	12
Science Freshmen	47
Science Specials	5
Business and Industry Seniors	4
Business and Industry Juniors	8
Business and Industry Sophomores	15
Business and Industry Freshmen	56
Business and Industry Specials	8
Education Seniors	5
Education Juniors	2
Education Sophomores	4
Education Freshmen	12
Education Specials	5
Two-Year Agriculture	103
Unclassified	39
War Students, Vocational Training	274

1. Total Attendance During Regular Session	1546
2. War Students (included in 1)	403
3. Attendance, Summer Normal and Summer Quarter (not included in 1)	618
4. Correspondence Courses (not included in 1)	93
5. Special Short Courses (not included in 1)	56

SPECIAL COURSE IN TRACTORS.

Name.	Home Address.
Broome, E. H.	Jackson
Burris, H.	Smithdale
Busby, E. L.	Quitman
Calhoun, E.	Jackson
Calhoun, J. T.	Jackson
Chipley, J. D.	Dossville
Denson, G. B.	New Site
Engle, S. L.	Okolona
Ewing, D. J.	Cliftonville
Flowers, E. E.	McComb

Name.	Home Address.	Name.	Home Address.
Frye, L.	Sessums	Love, S. S.	West
Gates, O. D.	Madison	McDonald, O. M.	Greenwood
Goodwin, F. H.	Smithdale	Parker, A.	Goodman
Grace, J. H.	New Albany	Parker, G. T.	New Albany
Hamill, G.	Longview	Pollard, R. H.	Greenwood
Harrington, R.	Woodland	Pugh, E.	Longview
Hofman, B.	Osyka	Siddon, S.	Durant
Hughes, D. E.	Sallis	Smith, M.	Dossville
Hughes, J. E.	West	Tims, C.	Trebloc
Ivy, J. L.	Quitman	Winter, J.	Buena Vista
Lott, J. P.	Seminary	Word, W. C.	Coila

LIST OF STUDENTS

ATTENDING THE SUMMER NORMAL AND SUMMER QUARTER

AGRICULTURAL AND MECHANICAL COLLEGE, 1918-1919

Name.	County.	Postoffice.
Adams, Cecile	Noxubee	Shuqualak
Adams, Hazel	Noxubee	Macon
Agnew, Edna	Lee	Baldwyn
Alexander, Olive	Sharkey	Rolling Fork
Almond, Walter	Oktibbeha	Starkville
Anderson, James Bell, Jr.	Yazoo	Yazoo City
Antley, Louise	26 Oak Street	Asheville, N. C.
Arnold, Leila Mae	Washington	Holly Knowe
Arrington, P. R.	Stone	McHenry
Arrington, Mrs. P. R.	Stone	McHenry
Ashcraft, Leona M.	Leake	Dossville
Ashcraft, Ollie L.	Monroe	Amory
Askew, J. W.	Lowndes	Mayhew
Atwood, M. H.	Jones	Ovett
Aycock, R. L.	Noxubee	Macon
Bacot, J. S.	Pike	Osyka
Baggett, M. R.	Warren	Vicksburg
Bailey, Addie Vick	Holmes	Lexington
Bailey, J. P.	Lancaster	Lancaster, S. C.
Bailey, William	Calhoun	Slate Springs
Baker, Martha	Grenada	Grenada
Ball, Alline	Clay	Prairie
Ballard, Kate	Hinds	Edwards
Ballard, Luta	Hinds	Edwards
Bane, Irene	Prentiss	Booneville
Bane, Virgia	Prentiss	Booneville
Barlow, R. M.	Copiah	Burnell
Baskin, W. H.	Washington	Hampton
Bell, Elizabeth	Attala	Ethel
Bell, Ella	Prentiss	Booneville
Bell, Isla Mae	Oktibbeha	Starkville
Bell, Jewel	Webster	Eupora
Bell, J. C.	Noxubee	Brooksville
Bell, O. Clyde	Yalobusha	Water Valley
Bell, Mrs. R. W.	Copiah	Hazlehurst
Bell, Thelma	Oktibbeha	Starkville
Bennett, Mrs. G. W.	Choctaw	French Camp
Bennett, Pauline	Madison	Canton
Bennett, William G.	Forrest	Hattiesburg
Bennett, Winnie	Carroll	Vaiden
Bentley, W. L.	Holmes	Durant
Berry, N. O.	714 W. 5th St.	Pine Bluff, Ark.
Berryhill, W. M.	Amite	Gloster
Bibb, Alma	Montgomery	Winona
Blakeney, Audrey	Smith	Sylvarena
Bond, C. W.	Shelby	Bartlett
Boswell, J. B.	Marshall	Mt. Pleasant
Boswell, Mable	Yalobusha	Torrance
Bott, M. D.	Hinds	Jackson
Bowen, G. S.	Pontotoc	Blue Springs
Bower, J. K.	Tallahatchie	Tutwiler
Boyd, Mattie Lou	Quitman	Birdie
Boyd, Minnie Lee	Quitman	Birdie
Boyd, Ruth	Holmes	Lexington
Brantley, D. M.	Tate	Senatobia
Brantley, L. E.	Tate	Senatobia
Breland, O. P.	Oktibbeha	Maben
Breland, Mrs. O. P.	Oktibbeha	Maben
Brents, Connie	Union	Potts Camp
Brittain, Ethel	Bolivar	Cleveland
Brittain, Mrs. E. R.	Bolivar	Cleveland
Brittain, Marguerite	Bolivar	Cleveland
Brother, Minto Haines	1401 Cedar St.	Little Rock, Ark.
Brister, Emma I.	Lincoln	Brookhaven

Name.	County.	Postoffice.
Brunson, L. T.	Monroe	Gattman
Brantley, Virginia	Montgomery	Kilmichael
Brown, Mrs. George	Prentiss	Booneville
Brown, Gus Dixon	Washington	Glen Allen
Brown, Homer Wilson	Lincoln	Bogue Chitto
Brown, James F	Oktibbeha	Bradley
Brown, J. M.	Oktibbeha	Longview
Brown, Lucretia	Oktibbeha	Bradley
Brown, Mrs. R. C.	Oktibbeha	Agricultural College
Burns, J. B.	Itawamba	Ratliff
Burton, R. E.	Montgomery	Winona
Bush, T. A.	Oktibbeha	Starkville
Butts, J. L.	Lowndes	Artesia
Butts, W. J.	Lowndes	Artesia
Cagle, Ethel	Attala	Kosciusko
Cain, C. B.	Franklin	Little Springs
Cain, G. J.	Oktibbeha	Agricultural College
Cain, W. R.	Franklin	Little Springs
Callicott, Jennie Lucie	Tate	Senatobia
Cameron, H. M.	Oktibbeha	Agricultural College
Camp, Etna	Marion	Bexar, Ala.
Cannon, Hubert	Franklin	Garden City
Cantrell, Blanche	Clay	Prairie
Cantrell, Roena	Clay	Prairie
Carlisle, R. C.	Winston	Louisville
Carnathan, J. W.	Lafayette	Oxford
Carpenter, Shirley	Oktibbeha	Agricultural College
Carter Beatrice	Noxubee	Mashulaville
Carson, Myrtle	Humphries	Belzoni
Cassell, H. S.		Hammond, La.
Cassibry, Lucile Purvis	Jackson	Moss Point
Catchings, C. E.	Wilkinson	Woodville
Chambliss, Irene	Noxubee	Mashulaville
Chandler, Katherine	Madison	Canton
Chen, Shoo-Shun	Fon-Kon District	Foochen, China
Clardy, Roxie	Oktibbeha	Starkville
Clark, Bettie	Calhoun	Slate Springs
Clark, Sallie	Calhoun	Reid
Clearman, Minnie	Noxubee	Shuqualak
Cobb, Carey L.	Oktibbeha	Starkville
Cody, Ola	Itawamba	Smithville
Coleman, Esther Louise	Montgomery	Winona
Coleman, Vesta	1291 S. Lauderdale	Memphis, Tenn.
Collier, Mamie	Winston	Sturgis
Colmer, E. B.	Forrest	Hattiesburg
Colson, P. O.	Pearl River	Poplarville
Conn, W. E.	Forrest	Hattiesburg
Conner, Willie Mae	Lowndes	Caledonia
Consley, J. C.	Marshall	Lamar
Cook, Mrs. Thomas	Lowndes	Columbus
Cork, Nannie	Choctaw	Ackerman
Covington, J. A.	Lauderdale	Meridian
Cowsert, W. C.	Holmes	Goodman
Cox, Alma	Neshoba	Dixon
Cox, Lorene	Lowndes	Columbus
Cox, Ruth	Tunica	Maud
Craig, J. B.	Panola	Batesville
Criss, J. W.	Oktibbeha	Starkville
Crowe, M. T.	Oktibbeha	Starkville
Crumpton, Willie Mae	Oktibbeha	Sturgis
Dabbs, C. M.	Lee	Tupelo
Dallas, Gladys	Chickasaw	Okolona
Daniel, Mary Louise	Noxubee	Shuqualak
Davidson, India	Yalobusha	Water Valley
Davis, Beatrice	Noxubee	Shuqualak
Davis, H. O.	Gaston	Bessemer City, N. C.
Davis, Inez	Chickasaw	Houston
Davis, Mabel	Chickasaw	Woodland
Davis, Rubye	Calhoun	Sabougla
Dawkins, Ethel	Oktibbeha	Sturgis
Day, B. H.	Amite	Liberty
Dean, R. D.	DeSoto	Nesbitt
Dean, E. E.	Jeff Davis	Bassfield
Dexter, Charlie	Clay	Abbott

Name.	County.	Postoffice.
Dillard, Vera	Lee	Saltillo
Doolittle, Dolores	Calhoun	Slate Springs
Downer, C. L.	Holmes	Lexington
Drane, Katherine	Choctaw	French Camp
Duke, Jennie Belle	Clay	Pheba
Duncan, Bettie	Lowndes	Caledonia
Duncan, O. E.	Stokes	Mayodan, N. C.
Eakin, Nettie	Oktibbeha	Longview
Eason, H. T.	Tate	Tyro
East, Katie B.	Pontotoc	Toccopola
East, Nona	Pontotoc	Toccopola
Echols, Bessie	Webster	Mantee
Edens, W. J.	Monroe	Aberdeen
Echols, H. E.	Marshall	Byhalia
Eckford, J. F.	Oktibbeha	Starkville
Edwards, Annie Lottie	Lowndes	Columbus
Elliott, Serelle	Itawamba	Nettleton
Ellis, Bessie	Prentiss	Booneville
Ellis, Leona	Panola	Sardis
Ellis, Nannie F.	Panola	Sardis
Ellis, Pearl	Clay	Pheba
Ellis, R. P.	Madison	Pickens
Emmerich, J. O.	Pike	McComb
Entrekin, Tencye	Winston	Louisville
Eubank, Sallie	Holmes	Durant
Evans, Carrie	Carroll	Carrollton
Evans, R. B.	LeFlore	Minter City
Everett, V. V.	Smith	Mendenhall
Fauchie, Georgie	LeFlore	Greenwood
Fancher, Ilamay	LeFlore	Greenwood
Farmer, Ligon M.	Scott	Harperville
Felton, Anna Lee	Clay	West Point
Ferguson, Lillie Belle	Chickasaw	Houlka
Ferguson, Isabel	Lauderdale	Meridian
Ferguson, Sallie	Carroll	Carrollton
Ferrell, Lillian	Calhoun	Vardaman
Few, M. J.	Oktibbeha	Agricultural College
Fielding, H. H.	340 N. Garland	Memphis, Tenn.
Finn, Elma	Chickasaw	Houston
Flake, Mildred	Prentiss	Baldwyn
Flint, Callie	Attala	Ethel
Floyd, Mrs. Roxie	Quitman	Belen
Flynt, W. B.	DeSoto	Hernando
Forbes, E. E., Jr.	824 S. St. Charles St.	Birmingham, Ala.
Fortner, H. T.	Hinds	Jackson
Foster, Annie Mae	Winston	Sturgis
Foster, Willie	Lawrence	Sontag
Fowler, Susette	Oktibbeha	Starkville
Fox, E. E.	Neshoba	Philadelphia
Freeman, Irene	Lowndes	Steens
Freeman, Kate	Tate	Savage
Freeman, Ola Mae	Lowndes	Steens
Freeman, Minnie Beth	Lowndes	Steens
Frost, Alice	Holmes	Lexington
Fulmer, Herman K.	Panola	Como
Callop, Leona	Monroe	Aberdeen
Gallop, Mattie	Monroe	Aberdeen
Gann, Bonnie Bell	Oktibbeha	Starkville
Gann, Velma	Tate	Senatobia
Garrett, Jewel Gertrude	Montgomery	Kilmichael
Gary, F. P.	Tallahatchie	Charleston
Gay, Florence	Rankin	Pelahatchie
Gibson, Carrie	Montgomery	Winona
Gilbreath, Lillian	Clay	Prairie
Gill, Arleen	Oktibbeha	Starkville
Gilliam, Lillian	Chickasaw	Houston
Glasgow, Montye	Clay	Prairie
Glenn, Albert Fox	Noxubee	Brooksville
Glisson, Eula	Smith	Mize
Goad, Blanche	Noxubee	Brooksville
Goode, Flora	Clay	West Point
Goodwin, R. C.	Bolivar	Shaw
Gordon, Clara Lee	Chickasaw	Houston
Gordon, Sudie	Attala	West

Name.	County.	Postoffice.
Gordon, Vannie	Chickasaw	Houston
Goza, J. R.	Winston	Louisville
Graham, F. C.	Copiah	Wesson
Grant, B. E.	Pontotoc	Ecru
Grantham, O. F.	Pearl River	Poplarville
Gray, J. W.	Noxubee	Brooksville
Gray, W. L.	Jasper	Montrose
Green, Edgar	Lincoln	Brookhaven
Green, Gabriella	Lowndes	Columbus
Green, R. E., Jr.	Prentiss	Booneville
Green, Cora	Lincoln	Bogue Chitto
Gregg, Lois	Calhoun	Derma
Gresham, Alma	Prentiss	Booneville
Gully, Gladys Louise	Winston	Louisville
Gully, Mary Kate	Winston	Louisville
Gunnel, Murle	Sunflower	Doddsville
Hoddon, Sam	Lee	Saltillo
Hagler, Clara	Chickasaw	Egypt
Hale, Fannie Mae	Noxubee	Macon
Hall, Hilda	Winston	Louisville
Hall, J. B.	Lee	Tupelo
Hall, Katie	Grenada	Grenada
Hall, W. B.	Jasper	Bay Springs
Hallman, Esther	Smith	Wicker
Hamill, Virgie	Oktibbeha	Sturgis
Mamilton, Edythe	Copiah	Crystal Springs
Hamilton, E. J.	Chickasaw	Houlka
Hamilton, Merle	Copiah	Crystal Springs
Hand, Ina W.	Pearl River	Nortac
Hannah, Sara	Sunflower	Drew
Hanna, Susie May	Attala	Kosciusko
Harris, J. A.	Montgomery	Stewart
Harvey, F. T.	Lafayette	Oxford
Heard, W. R.	Lowndes	Columbus
Heidel, G. E.	Yazoo	Benton
Henderson, C. G.	Pontotoc	Pontotoc
Henderson, R.	Pontotoc	Troy
Hendricks, Viola	Oktibbeha	Maben
Herin, Bessie	Hinds	Byram
Herrin, Grover	Covington	Collins
Herrington, H. L.	Jones	Ellisville
Hewlett, Norma	Noxubee	Brooksville
Hickman, Laura	Neshoba	Noxapater
Higgins, Angelique	Lowndes	Columbus
Hiller, D. A.	Calhoun	Calhoun City
Hines, L. P.	Attala	Kosciusko
Hobby, E. L.	Winston	Plattsburg
Holder, Gladys	Alcorn	Corinth
Holden, Mabel	Alcorn	Corinth
Holley, E. E.	Itawamba	Clay
Hollis, Elizabeth	Calhoun	Vardaman
Hollis, Tressie	Calhoun	Hollis
Holmes, B. D.	Montgomery	Winona
Holmes, Carrie Lee	Holmes	Durant
Horton, Mrs. W. P.	Copiah	Carpenter
Howard, Sam	Adams	Natchez
Howerton, H. B.	Oktibbeha	Agricultural College
Houston, Lilla	Smith	Sylvarena
Houston, P. D.	Smith	Sylvarena
Howell, Jimmye	Tate	Sarah
Howell, J. B.	Lafayette	Tyro
Huff, Jane	Pike.	Magnolia
Huffman, Myrtle	Lee	Tupelo
Hughes, H. P.	Marshall	Lamar
Hull, W. A.	Attala	Kosciusko
Hunt, Eunice	Winston	Sturgis
Hunt, Kittie Annie	Winston	Sturgis
Hurst, E. C.	Clay	Mhoons Valley
Hutchinson, Eva	Copiah	Crystal Springs
Isaacs, Fannie Beulah	Oktibbeha	Starkville
Jandon, Albert	Monroe	Quincy
Jandon, Ethel	Monroe.	Aberdeen
Jennings, Henry	Tallahatchie	Tutwiler
Jennings, J. W.	Tallahatchie	Tutwiler

Name.	County.	Postoffice.
Jennings, Mary Olive	Oktibbeha	Agricultural College
Johnson, Abbie Mae	Harrison	Biloxi
Johnson, H. S.	Lafayette	Oxford
Johnson, Jodie	Lee.	Nettleton
Johnson, Mary	Scott	Forest
Johnson, May	Leake	Walnut Grove
Jones, C. D.	Lafayette	Tula
Jones, F. H.	Rosedale	Bolivar
Jones, L. L.	McCall Creek	Franklin
Jordan, J. W.	Clay	Pheba
Jumper, Emma Laura	Monroe	Aberdeen
Keene, May	Oktibbeha	Starkville
Kellum, B. L.	Oktibbeha	Sturgis
Kelly, M. E.	Yazoo	Satartia
Kennedy, Rose	Lowndes	Mayhew
Killebrew, J. R.	Holmes	Ebenezer
Kinard, Birtie	Winston	Louisville
Kincaid, Mary	Grenada	Grenada
King, E. E.		Wilmington, N. C.
King, Inez	Humphries	Silver City
King, Rusie M.	Humphries	Silver City
Kirkpatrick, Lillie	Monroe	Aberdeen
Knight, A. V.	Jones	Ellisville
Koger, Mrs. J. M.	Quitman	Lambert
Kyle, Mattie	Chickasaw	Houston
Ladd, Mary L.	Yalobusha	Tillatoba
Lamar, LaVergne	Calhoun	Pine Valley
Lampkin, R. H.	Oktibbeha	Starkville
Lancaster, R. M.	Alcorn	Kossuth
Land, Mamie	Attala	Kosciusko
Langston, Della	Leake	Carthage
Lanier, Corrie	Noxubee	Brooksville
Lee, Ilah	Choctaw	Ackerman
Lee, J. E.	Jeff Davis	Prentiss
Lewellen, Rebecca	Prentiss	Baldwyn
Lewers, Mary B.	Panola	Crenshaw
Lewis, Leah	Attala	McCool
Lewis, Mavis	Attala	McCool
Linebarier, Mae Belle	Oktibbeha	Starkville
Lockard, W. E.	Jackson	Van Cleave
Loeb, C. E.	Copiah	Hazlehurst
Long, R. L.	Carroll	Winona
Lord, Zelma	Attala	Kosciusko
Lowe, Mrs. Mattie	Oktibbeha	Starkville
Lowrey, Edyth	Quitman	Marks
Lucas, G. P.		Felixville, La.
McAfee, J. R.	Itawamba	Hollandale
McAlister, J. M.	Wayne	Waynesboro
McAlphin, Mrs. Mamie	Copiah	Hazlehurst
McBride, Rubye	Webster	Clarkson
McCain, B. H.	Tate	Coldwater
McCarthy, Julia	Lee.	Saltillo
McCreight, Melba	Oktibbeha	Starkville
McCue, Mrs. Annie A.	Choctaw	French Camp
McCue, F. L.	Choctaw	French Camp
McCue, Mildred	Choctaw	French Camp
McCullough, Nina	Lowndes	Columbus
McEachern, Helen	Carroll	Vaiden
McElhannon, Bernice	Alcorn	Kossuth
McElhannon, Velma	Alcorn	Kossuth
McGehee, D.	Franklin	Smithdale
McKee, Gertrude	Prentiss	Booneville
McKinzie, Elsye	Oktibbeha	Sturgis
McMillan, R. C.	Prentiss	Booneville
McMullan, Blanche	Oktibbeha	Maben
McReynolds, Lettie	Oktibbeha	Starkville
Mabry, M. H.	Coahoma	Dublin
Magarian, G.		Afion Kara-Hissar, Armenia
Magruder, B. L.	Oktibbeha	Starkville
Majeski, E. F.		Trenton, N. J.
Marsh, Ruby	Sunflower	Whitney
Martin, Carrie	Calhoun	Pittsboro
Martin, Clara	Lee.	Saltillo
Martin, G. E.	Oktibbeha	AgriculturalCollege

Name.	County.	Postoffice.
Martin, G. I.	Lauderdale	Meridian
Martin, Lela	Lee	Saltillo
Martin, Lena	Calhoun	Calhoun City
Martin, Leonora	Oktibbeha	Starkville
Martin, Wylie	Calhoun	Pittsboro
Maurer, G.		Chicago, Ills.
Maxwell, Dorothy Glenn	Oktibbeha	Starkville
Maxwell, H., Jr.	Oktibbeha	Starkville
May, C. F.	Wayne	Bucatunna
Mayfield, T. M.	Smith	Sylvarena
Mayfield, W. B.	Union	Etta
Mayo, Clara	Smith	Polkville
Meek, W. E.., Jr.	Coahoma	Clarksdale
Merchant, W. A., Jr.	Leake	Conway
Meriwether, Cleo	Oktibbeha	Starkville
Miller, C. S.	Green	Merrill
Miller, J. N.	Wilkinson	Centreville
Miller, Maggie	Attala	West
Miller, Ruth Anne	Madison	Canton
Milner, J. K.	Harrison	Gulfport
Mingee, E. W.	Oktibbeha	Agricultural College
Mitchell, Nita	Washington	Leota
Moffit, J. L.	Union	New Albany
Moncrief, N. C.	Jones	Ellisville
Moncrief, R. C.	Oktibbeha	Starkville
Moody, W. J.	Jones	Ellisville
Moore, S. D.	Leake	Carthage
Moore, E. C.	Leake	Carthage
Moore, T. E.	Itawamba	Fulton
Morris, Lucile	Lowndes	Caledonia
Morton, Cora	Lauderdale	Meridian
Mullen, Marie	Lowndes	Columbus
Mullican, J. R.	Copiah	Wesson
Murff, Norma	Monroe	Aberdeen
Murphy, Chrystine	Tate	Coldwater
Murphy, Tessie	Bolivar	Shelby
Murray, Emily	Walthall	Kokomo
Myers, Mrs. L. S.	Oktibbeha	Agricultural College
Napier, J. H.	Jones	Laurel
Nations, Bessie	Oktibbeha	Sturgis
Neal, Betty Mae	Chickasaw	Houston
Neal, H. I.	Chickasaw	Houston
Neal, Martha	Carroll	McCarley
Neatherland, Viola	Holmes	Eden
Newman, J. W. Jr.	Hinds	Learned
Newsom, N. W.	Grenada	Grenada
Newsom, P. C.	Winston	Louisville
Nichols, Lala	Chickasaw	Woodland
Nolen, I. R.	Oktibbeha	Agricultural College
Nolen, Jim Kate	Webster	Eupora
Norman, Laura	Chickasaw	Houlka
Norman, W. L.	Chickasaw	Houlka
Odom, Thelma	Washington	Greenville
O'Neal, Mattie A.	Montgomery	Sweatman
O'Neal, Nola	Montgomery	Sweatman
O'Neal, P. A.	Harrison	Landon
O'Quin, J. M.	Walthall	Tylertown
O'Reilly, Virginia	Yazoo	Benton
Oswalt, F.	Oktibbeha	Longview
Oswalt, Z. E.	Oktibbeha	Longview
Page, Lois	Sharkey	Smedes
Parker, Clyde	Grenada	Graysport
Parker, H. W.	Prentiss	Booneville
Parker, Lucretia	Chickasaw	Houston
Parkinson, Norris	Holmes	Durant
Parnell, F.	Lincoln	Bogue Chitto
Patrick, J.	Prentiss	Booneville
Pearson, Justina	Oktibbeha	Starkville
Pearson, Valcour	Oktibbeha	Starkville
Pepper, Ivy	Yazoo	Vaughan
Perkins, Alice	Oktibbeha	Starkville
Perry, Annie	Holmes	Tchula
Peters, Mary Lillian	Noxubee	Mashulaville
Pettis, Ada	Lafayette	Oxford

Name.	County.	Postoffice.
Phillips, Jewell	Yalobusha	Water Valley
Phillips, Mary Louise	Lauderdale	Meridian
Pickle, Lorella	Monroe	Aberdeen
Pierson, Mrs. H. P.	Oktibbeha	Agricultural College
Pinkney, A. E.	Oktibbeha	Agricultural College
Pitt, Ogle	Montgomery	Kilmichael
Porter, Mrs. Bertha	Panola	Como
Porter, Lula Mae	Chickasaw	Houston
Powell, Alma	Hinds	Raymond
Prather, O. L.	Grenada	Tie Plant
Price, R. C.	Leflore	Morgan City
Pryor, T. W.	Calhoun	Calhoun City
Quinn, Rosa May	Choctaw	Ackerman
Raines, W. G., Jr.	Hinds	Jackson
Ramsay, G. S.	Covington	Collins
Ramsay, G. B.	Holmes	Durant
Randle, Lydia Brooks	Oktibbeha	Starkville
Randolph, Iris.	Lee	Nettleton
Rasser, Mrs. Ruby A.	Sunflower	Drew
Ratliff, Sallie	Attala	Kosciusko
Ray, Josephine	Madison	Sharon
Reed, A. S.	Oktibbeha	Agricultural College
Ried, Jewell	Choctaw	Ackerman
Reid, Paralee	Franklin	Vina, Alabama
Reynolds, Nellie	Oktibbeha	Starkville
Richardson, Alma	Itawamba	Marietta
Ridgeway, Lucile	Lowndes	Caledonia
Riggs, Katherine	Washington	Greenville
Ritnour, Ella	Harrison	Gulfport
Ritnour, Rasalind	Harrison	Gulfport
Ritch, May	Clay	Pheba
Ricks, Allene	Carroll	McCarley
Robertson, Mabel	Lafayette	Oxford
Roberts, M. M.	Jackson	Arena
Roberts, E. S.	Jackson	Arena
Roberts, J. M.	Lowndes	Artesia
Roberts, Nora	Rankin	Pelahatchie
Robertson, Minnie	Chickasaw	Woodland
Rogers, Crim	Monroe	Quincy
Rogers, Evie	Smith	Sylvarena
Rogers, J. B.	Covington	Ora
Romansky, T.	Washington	Greenville
Ross, R. M.	Forest	Hattiesburg
Rowland, Addie	Tallahatchie	Charleston
Runnels, Alma	Jones	Ellisville
Runnels, B. E.	Jones	Ellisville
Rush, Leslie	Clarke	Shubuta
Rush, Mary L.	Clarke	Shubuta
Rutledge, I. B.	Tishomingo	Iuka
Salley, Homa	Webster	Stewart
Sanders, Carrie	Oktibbeha	Bradley
Sanders, G. B.	Washington	Greenville
Sanders, D. A.	Oktibbeha	Starkville
Saunders, Mrs. W. R.	Oktibbeha	Starkville
Savage, D. J.	Oktibbeha	Agricultural College
Scales, Mrs. S. W.	Oktibbeha	Starkville
Schumpert, Georgia	Itawamba	Nettleton
Schumpert, Veda	Itawamba	Nettleton
Schwentker, V. H.	Lucedale	George
Scott, Claire	Lowndes	Columbus
Selin, M. D.	Oktibbeha	Agricultural College
Sennett, Maggie	Noxubee	Mashulaville
Sennett, Myrtle	Noxubee	Mashulaville
Senter, G.	Itawamba	Fulton
Sharp, L. O.	Oktibbeha	Sturgis
Shirley, Bessie A.	Clay	West Point
Shomaker, Ethel	Chickasaw	Thorn
Shurden, Lyda	Oktibbeha	Longview
Shearer, Hazel M.	Leake	Carthage
Sheeley, Eula	Rankin	Pelahatchie
Shelton, Evie L.	Lowndes	Columbus
Sides, J. C.	Marshall	Moscow, Tennessee
Silvertooth, Louise		Memphis, Tennessee
Simmons, H. L.	Kemper	Scooba

Name.	County.	Postoffice.
Simpson, Beatrice	Choctaw	Chester
Slaughter, Catherine	Oktibbeha	Starkville
Sligh, Clara	Chickasaw	Houston
Sloan, Lillian E.	Adams	Natchez
Smith, Christine	Covington	Mt. Olive
Smith, Daisy	Alcorn	Corinth
Smith, D. H.	Lauderdale	Toomsuba
Smith, H. L.	Lincoln	Wesson
Smith, J. L.	Amite	Peoria
Smith, Leslie	Lincoln	Brookhaven
Smith, L. B.	Simpson	Magee
Smith, Martha	Tate	Senatobia
Smith, Veva	Winston	Louisville
Smith, Mrs. W. D.	Alcorn	Kossuth
Smith, W. D.	Prentiss	Booneville
Smith, W. E.	Oktibbeha	Agricultural College
Sneed, Pearl	Lafayette	Lafayette Springs
Spence, Lillian	Lafayette	Burt
Spencer, Corinne	Calhoun	Calhoun City
Stanley, J. E.	Clay	West Point
Stanton, Laverne	Webster	Eupora
Stapleton, D. V.	Forest	Hattiesburg
Stapleton, Myrtle	Forest	Hattiesburg
Stark, R. L.	Pontotoc	Pontotoc
Steinwinder, Lula	Jones	Laurel
Steuterman, H. J.		Memphis, Tennessee
Stewart, Dovie	Choctaw	Weir
Stewart, E. C.		Arkansas City, Arkansas
Stone, H. C.	Itawamba	Smithville
Stout, H. F.		Monticello, Arkansas
Stovall, R. H.	Washington	Greenville
Strahan, Annie	Copiah	Hazlehurst
Swan, W. F.	DeSoto	Horn Lake
Swain, R. C.	Union	New Albany
Sykes, Rosebud	Montgomery	Duck Hill
Sykes, Ruth	Montgomery	Duck Hill
Tanner, Beatrice	Lee.	Verona
Tanner, Mary H.	Lee	Verona
Tate, Maggie	Pike	Osyka
Taylor, Ella Mae	Noxubee	Macon
Thomas, Grace	Oktibbeha	Sturgis
Thomason, L. L.	Pontotoc	Blue Springs
Thornley, Selma	Monroe	Gattman
Thornton, Cornelia	Tallahatchie	Charleston
Thornton, Leila Mae	Clarke	Pachuta
Thornton, Zoe	Clarke	Pachuta
Timbes, Zola	Tishomingo	Burnsville
Tims, Bessie		Jackson, Louisiana
Tims, J. I.		Jackson, Louisiana
Tinnon, J. E.	Jones	Ellisville
Trapp, Regina	Lee	Tupelo
Treleaven, P. G.	Harrison	Gulfport
Turner, Mary	Attala	Ethel
Tyson, W. S.	Oktibbeha	Starkville
Vance, L. B.	Calhoun	Slate Springs
Vinzant, W. B.	Smith	Burns
Virden, B. H.	Hinds	Jackson
Waldington, Zera	Webster	Lodi
Wagner, Jake, Jr.	Jefferson	Fayette
Wallace, Edwina L.	Oktibbeha	Starkville
Wallace, H. E.	Tippah	Ripley
Wallace, Lillian	Lee	Baldwyn
Wallace, J. W.	Oktibbeha	Longview
Walton, O. L.	Newton	Newton
Wamsley, H. E.		Sidel, Illinois
Ward, Emily	Oktibbeha	Starkville
Ward, Loise	Oktibbeha	Starkville
Ward, Katie Prince	Oktibbeha	Starkville
Ward, Willa	Calhoun	Vardaman
Watkins, C. B.	Clay	Cedar Bluff
Watson, A. L.	Tate	Tyro
Watson, H. P.	Lowndes	Columbus
Watson, Mrs. P. H.	Tate	Tyro
Welborn, J. P.	Jones	Soso

Name.	County.	Postoffice.
Welch, W. D.	Amite	Osyka
Wellinger, Clyde		Muncie, Indiana
Wells, A. C.	Calhoun	Derma
Wells, Morris	Choctaw	Ackerman
West, H. J.	Calhoun	Slate Springs
West, Laura	Quitman	Lambert
White, Eve Lee	Humphreys	Silver City
White, Lydia E.	Panola	Como
Whitehead, C. B.	Itawamba	Fulton
Wiggins, Willie B.	Lowndes	Caledonia
Wiley, B. F.	Carroll	Vaiden
Wilkes, Adrian	Holmes	Durant
Willey, W. M.	Clay	West Point
Williams, Hattie Lee	Calhoun	Pittsboro
Williams, J. B.	Holmes	Thornton
Williams, Ruby	Attala	Kosciusko
Williamson, J. F.	DeSoto	Lake Cormorant
Williford, Em.	Carroll	Carrollton
Wilson, Corinne Elizabeth	Grenada	Grenada
Wilson, Pauline	Copiah	Crystal Springs
Winfield, Susie	Clay	Cedar Bluff
Winter, Mrs. Jeva	Chickasaw	Buena Vista
Wiygul, Gerdie Maye	Itawamba	Nettleton
Wood, Claudia	Alcorn	Corinth
Wood, Mrs. F. E.	Hinds	Edwards
Wood, Pauline	Lafayette	Oxford
Woods, L. P.	Chickasaw	Houston
Woodson, T. A.	Warren	Vicksburg
Word, H. S.	Monroe	Aberdeen
Worthington, Mathilde	Washington	Wayside
Wright, Lovie	Carroll	Vaiden
Wright, Mary Annie	Lowndes	Steens
Yaeger, Gilbert, Jr.	Warren	Vicksburg
Young, Carrye L.	Sunflower	Doddsville
Young, Clarice	Calhoun	Vardaman
Young, Irene	Lee	Guntown

DEGREES CONFERRED, 1919

MASTER OF SCIENCE.

Name.	Home Address.
Frederick, W. J. (Science)	Gulfport

BACHELOR OF SCIENCE.

School of Agriculture.

Name.	Home Address.
Atkinson, J. F.	Louisville
Black, C. B.	Ethel
Buehler, E., Jr.	Greenville
Chance, O. M.	Natchez
Colmer, E. B.	Hattiesburg
Cork, F. O.	Agricultural College
Curl, L. F.	Monticello, Arkansas
DeCell, W. W.	Glancy
Echols, M., Jr.	Byhalia
Edens, W. J.	Aberdeen
Ewell, H. G., "1918"	Liberty
Ferguson, T. M., Jr.	Hattiesburg
Griffin, C. M., "1918"	Liberty
Hobson, R. T.	Greenville
Johnson, E. E.	Oxford
Livingston, S. H., "With Honors"	Yazoo City
Loper, D., Jr.	Lake
Mayfield, J. L.	Sylverena
Mayfield, R. L.	Sylverena
McAfee, J. R.	Hogansville, Georgia
McCain, B. H.	Coldwater
McCay, G. L.	Utica
McGowan, W. G.	Holly Springs
Middlebrook, W.	Meridian
Middleton, C. B.	McComb
Miller, R. V.	Greenville
Moore, E. C.	Carthage
Neal, H. I.	Houston
Oswalt, Frank, "With Honors"	Longview
Patterson, J. W.	Pinola
Peets, N. D.	Wesson
Perry, G. D., Jr.	Hollywood
Pinkney, A. E.	Agricultural College
Plyler, L. G., "1918"	Hesterville
Rea, R. M.	Wesson
Sessions, J. M., Jr.	Woodville
Sides, J. C.	Moscow, Tennessee
Smith, K. D.	Wilmar, Arkansas
Tims, E. C.	Louisville
Treleaven, P. G.	Pass Christian
Waldouer, H. S., "1918"	Vicksburg
Wallace, C. G.	Starkville
Wells, A. C.	Derma
Williams, J. O.	Hickory

School of Engineering—Civil.

Barrett, J. C.	Edwards
Brown, I. W.	Columbus
Sproles, S. R.	Silver City

School of Engineering—Electrical.

Carpenter, R. B.	Agricultural College
Gibbon, Q. D.	Rolling Fork
Goodman, L. N., With Special Honors"	Starkville
Larkin, M. E.	Columbia
Perry, F. M.	Hollywood

Name.	Home Address.
Rogers, J. T.	Batesville
Rush, W. L.	Shubuta
Stewart, M. G., "1918"	Natchez

School of Engineering—Mechanical.

Haynes, E. B.	Simsboro, Louisiana

School of Industrial Education.

Dorsey, G. P.	Starkville

School of Business and Industry.

Hiller, D. A.	Calhoun City
Hiller, E. A.	Calhoun City
Lockard, W. E.	Van Cleave
McWilliams, W. K.	Daleville
Olive, G. G.	Camden
Payne, W. H.	Saltillo
Spell, R. V.	Georgetown
Williams, P. P.	Prentiss

School of Science.

Abbott, Eli.	Greenwood
Catchings, C. E.	Woodville
Eichelberger, M. W.	Columbus
Gerard, E. L.	Grenada
Maloney, J. O.	Meridian
Moody, W. J.	Ellisville
Riley, G. E.	Houston

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MAIL THIS CERTIFICATE TO THE REGISTRAR, AGRICULTURAL COLLEGE, MISSISSIPPI.

CERTIFICATE OF PREPARATORY WORK FOR ADMISSION INTO MISSISSIPPI A. & M. COLLEGE

I hereby certify that of (P. O.) has completed the work

listed below in School, (P. O.)

having attended the same for years. He was graduated , 192 ,

Date , 192 ; Principal, (P. O.)

SUBJECT	TEXT	No. Weeks	Periods a Week*	‡Grade	Units
ENGLISH—(State kind of work done)					
First Year					
Second Year					
Third Year					
Fourth Year					
MATHEMATICS—Algebra to quadratics					
Alegbra, quadratics and beyond					
Plane Geometry					
Solid Geometry					
Trigonometry					
Higher Arithmetic (High School)					
HISTORY—Greek and Roman					
English					
Medieval					
Modern					
American (High School)					
Mississippi History					
LANGUAGES—French					
German					
Spanish					
Latin					
Greek					
SCIENCES—Agriculture					
Botany					
†Botany, Laboratory					
Chemistry					
†Chemistry, Laboratory					
General Science					
Physics					
†Physics, Laboratory					
Physical Geography					
Physiology					
Zoology					
†Zoology, Laboratory					
BUSINESS SUBJECTS—Bookkeeping					
Business Arithmetic					
Commercial Law					
Stenography and Typewriting					
MANUAL SUBJECTS—Freehand Drawing					
Mechanical Drawing					
Manual Training					

* Recitation period not less than 40 minutes in length. † Note books should be submitted by the student. ‡ High School year.

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